REPORT

WITH THE CHIEF COMMISSIONER'S REVIEW

ON THE

Forest Administration

IN THE

CENTRAL PROVINCES

FOR

THE YEAR 1885-86.

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NAGPUR:

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1886.

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No. 174F., dated Calcutta, the 8th March 1887.

From—SIR E. C. BUCK, *Secretary to the Government of India,*
To—*The Chief Commissioner of the Central Provinces.*

I AM directed to acknowledge the receipt of your Assistant Secretary's letter No. 5317—327, dated the 19th November last, submitting the Report of Forest Administration in the Central Provinces for the year 1885-86, with your orders thereon.

2. The changes in the areas under the Forest Department during the year under review were as follows:—

CLASS OF FORESTS.	At the commencement of the year.	Added.	Excluded.	At the close of the year.	Proportion of Forests to whole area of Province (81,415 sq. ms.).
	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Per cent.
1st class Reserves . . .	3,505	...	...	3,505	4
2nd „ „ . . .	15,935	1	7	15,929	19
TOTAL RESERVES .	19,440	1	7	19,434	23
District Forests . . .	404	...	...	404	...
GRAND TOTAL .	19,844	1	7	19,838	23

3. His Excellency the Governor General in Council observes with regret that the area of 1st class Reserves has not been increased during the year under review. Ever since Dr. Schlich's suggestions were made in 1883, an uncertainty seems to have arisen as regards the future policy which should be observed in order to ensure a more rapid and complete transfer of the greater portion of the Government Forests under a stricter system of conservancy, and deliberation seems to have taken the place of action. Two-and-a-half years were occupied in obtaining the views of the Officer controlling the Provincial Forest Department on the matters dealt with by the Inspector General, and in the meantime little or no progress was made. Your remarks in this respect are just, even though it be admitted that the insufficiency of the Subordinate Staff may have deterred the Conservator from submitting definite proposals, which without the previous sanction for the necessary Establishment, already demanded from the Local Government, he considered impracticable. Though, however, no progress was made during the year under review in the transfer of 2nd class Reserves to those of the 1st class, the policy to be observed in future has now, it is understood, been finally settled, and proposals have been made for the increase of the Subordinate Establishment involved by it. The Governor General in Council is pleased to observe the energy with which you have taken up these important questions, and hopes that next year's Register of Reserves will show that proposals have been carried into practice, and that a considerable increase has taken place in the areas under the stricter scheme of conservancy.

4. No fault can be found with the boundaries of the 1st class Reserves, and considerable progress has been made in checking those of the 2nd class Reserves. The settlement of the boundaries is now proceeding on a preconsidered plan, which will doubtless ensure more rapid progress and satisfactory

results. Unquestionably, a scientific survey of the whole forest property, not already dealt with by the former Revenue Survey, would be an advantage, and may some day become a necessity; but it could not, without great cost, have been combined with a settlement of the boundaries, and the system now introduced by you is the most feasible for this purpose.

5. The Government of India acknowledges that the Controlling Staff sanctioned for the Central Provinces is fully occupied with the current work of general Forest Administration, and cannot consequently undertake the preparation of regular detailed working-plans. The fact that the forests of the Central Provinces produce, as a rule, more than the country demands, even under a more casual treatment than would be permissible under a preconsidered plan of operations, excuses to a certain extent delay in the preparation of working-plans; but the steadily increasing Forest Revenue indicates an increasing demand, which sooner or later may tax the forest resources of the country to the utmost. It will, therefore, be advisable to introduce, as soon as possible, a separate Working-Plan Staff, in order to collect the data and statistics required for the preparation of working-plans and to direct the collection of such data by Divisional and other Forest Officers. The progress made in other provinces, especially in the Punjab, has shown how much can be done in this respect by the ordinary staff where a central agency exists for the systematic collection of working-plans' statistics.

6. As shown in paragraph 6 of your review, there was an increase in the number of cases of breaches of Forest Law which remained undetected, and at the same time the prosecutions were not so successful as in the previous year. As you correctly notice, there was an evident want of care in instituting prosecutions in the Bhandara District; but, on the whole, the working of the criminal sections of the Forest Law in the Central Provinces does not compare unfavourably with that in other provinces.

The remark contained in the same paragraph of your review, that the number of forest offences in 2nd class Reserves is disproportionately large if compared with those committed in Reserves of the 1st class, has been read with interest. The reasons you give for this are evidently correct, and they teach the important lesson that the largest number of offences is committed in those areas which, on account of their vicinity to cultivation, have to meet the largest demands, and which are, therefore, of the greatest value to the State. These are consequently the areas which ought to be brought first under a stricter system of conservancy, the more remote regions being left to themselves with less fear of deterioration.

7. The following table shows the results of special fire-protection, as compared with the previous year:—

Year.	Area attempted	Failures.	Area protected.	Proportion of failures to area attempted.	Cost		Proportion of area under fire-protection to total area of Reserves.	Year when Fire Conservancy commenced.
					Per square mile protected	Per acre protected		
	Sq. m.	Sq. m.	Sq. m.	Per cent.	R	Pies.	Per cent.	
1885-86 . .	1,434	70	1,364	5	13	4	7	1864.
1884-85 . .	1,434	35	1,399	2	13	4	7	
Increase or decrease in 1885-86 .	...	+ 35	— 35	+ 3	...	...	...	

Extensive failures took place in the Chandgarh and Punassa Reserves; but, apart from these, the results of fire-protection were unprecedentedly good. The area brought under protection was not, however, increased during the year under review. The Governor General in Council is fully aware of the hardship, exposure, and anxiety which is caused by special fire-protection to Forest Officers of all grades, and is willing to acknowledge the services rendered in this respect by Colonel Doveton, who has organized the arrangements which yield the present good results, and by the Officers concerned in the successful execution thereof. The results are indeed of such importance to the general welfare of the country, that I am to suggest that the area thus dealt with might be annually extended.

8. The enquiries of the past year indicate that the forest area which escaped burning in 1885-86 was 4,000 square miles—which is a larger area than could be anticipated from previous Reports. The enquiries should be continued, and the causes of fires more particularly ascertained. I am to suggest that if the absence of fires is found to be due to grazing, it may prove desirable to isolate the richer forests by belts of grazed tracts. The question is one which deserves your attention.

9. The table contained in paragraph 64 of the Conservator's Report would seem to indicate a slight general decrease in the number of cattle grazing in the Government Forests, and this seems to be further substantiated by the falling-off in the grazing revenue of R24,642, indicating an even larger decrease than is shown in the tables exhibited in the Reports of the last two years.

Although it is satisfactory to find, from paragraph 63 in Colonel Doveton's Report, that the malguzars are now alive to the advantage of enclosing their forest lands, I am to invite your attention to his remark on the excessive grazing which is, in consequence, thrown on the Government Forests, and to ask whether the malguzars' responsibility for providing grazing for their own cattle does not require more strict enforcement. The point is one which may be dealt with in the next Annual Report.

The Government of India observes that a revision of grazing rates, which have remained unaltered for many years, is under consideration, by which it is hoped to effect a more equal distribution of the grazing in the different districts, and under which browsers will be separated from, and be rated higher than, mere grazing animals. Though the receipts from grazing have decreased, those derived from the sale of cut grass have increased, and the income under sub-head II *d.* is more than it was during the previous year.

10. The Conservator's Report regarding natural reproduction, and your remarks thereon, have been read with interest. No doubt can be any longer entertained that fire-protection and the exclusion of grazing have in this respect effected the most satisfactory results, more particularly as the most valuable of all trees, the teak, assumes a leading position in the young growth, thus ensuring a largely increased prospective value of the forests.

The cutting back of ill-grown and badly-shaped teak trees in fire-protected Reserves has, as might be expected, resulted in the growth of straight coppice-shoots, and has also yielded a direct financial profit. The Governor General in Council observes, therefore, with pleasure that you contemplate a considerable extension of this work.

Natural reproduction is, as a rule, sufficiently successful, and the areas to be dealt with are so extensive, that artificial reproduction falls into the back ground;

but, nevertheless, there are positions and occasions where considerable advantage can be derived from planting and sowing. The operations recorded are, as might be expected, on a very small scale, but are, as a rule, successful. The raising of a valuable young forest in association with *jhum* cultivation failed, but the experiment will, His Excellency the Governor General in Council is glad to observe, be persevered in, involving, as it does, the cheapest method by which valueless forest can be replaced by a young growth of value.

It has been noticed with satisfaction that attention has been given to creeper-cutting, an operation which cannot fail to be of the greatest importance to the future value of the forests.

11. The expenditure incurred on Roads and Buildings was curtailed to the utmost during the year under review. Your remarks regarding a systematic construction of good forest roads have been read with interest, for there can be no doubt that many of the more valuable forests in the Central Provinces are too inaccessible, and consequently worked below their capabilities. A point of importance in the construction of forest roads is, however, that they should be laid out in conjunction with a system of district roads, so that the produce brought from the forests can be distributed. The scarcity of forest produce in some parts of the Central Provinces—for instance, in the northern portion of the Chattisgarh plains—is evidently due to the absence of good means of communication outside the forests, without which a system of forest roads can be only partially effective.

12. The table given in Appendix D to the Report, as exhibiting the summary of forest produce removed from the Government Forests, is still too unreliable to permit of its being used for comparison. The extraction of forest produce by departmental agency was reduced to a minimum, and only 182 sál trees were felled, against 19,432 in the previous year. This contraction of departmental operations, the Conservator explains, was necessary on account of the uncertainty prevailing in respect of the demand for timber. This remark, it is understood, refers only to large timber used for railways and other constructive works. From a comparison of Form No. 58 with Form No. 53 of the previous year, it becomes evident that the amount of forest produce extracted from the Government Forests by purchasers and consumers has also fallen off as regards timber, firewood and charcoal, and bamboos; and to judge from several references made by the Conservator, and noticed by you, the reason for this decrease in the utilization of the Government Forests must evidently be looked for in the competition of more favourably situated Private Forests. The decrease in the sale of timber and fuel to extractors and consumers has now been noticed for two successive years, and the causes of it should be ascertained, and if possible removed.

13. In spite of a decreased sale of timber and fuel, the financial results of the year's transactions, as exhibited in the following table, are satisfactory:—

Year.	Receipts.	Charges.	Surplus.	Proportion of Surplus to Gross Revenue.
	R	R	R	Per cent.
1885-86	10,36,893	4,45,433	5,91,460	57
1884-85	10,27,202	4,95,821	5,31,381	52
Increase or decrease in 1885-86 .	+9,691	—50,388	+60,079	+5

The gross Revenue has risen by R9,691, the Surplus by R60,079, and the proportion of Surplus to gross Revenue by 5 per cent.

14. In conclusion, I am to express the hope of His Excellency in Council that the administration of the current year will be marked by a greater display of vigour and activity, than was shown by the operations of the year under review, in connection with the progress of administrative arrangements. The results of the year under report are not satisfactory.

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No. $\frac{4932\ A.}{325}$

From

F. C. ANDERSON, Esq., C. S.,

Offg. Secretary to the Chief Commissioner,

Central Provinces.

To

The CONSERVATOR of FORESTS,

Central Provinces.

Dated Nagpur, the 29th October 1886.

Sir,

I am directed to acknowledge your letter No. 128 B., dated 17th August last, submitting the Annual Forest Report for the year 1885-86, which was received in print on the 14th September last.

2. No additions were made to the 1st Class Reserves during the year by transfers from the 2nd Class Reserves, and you observe (paragraph 6) that "the cause of this was not that the Forest Department was not prepared to specify to what "areas attention should first be given, but that the course to be adopted was "not definitely decided." The Officiating Chief Commissioner cannot admit that the Forest Department is blameless in this matter. I am to point out that the question of how a larger proportion of the Forest area in these provinces might best be brought under the stricter system of conservancy obtaining in the 1st Class Reserves was one of the most important of those dealt with by Dr. Schlich in his "Suggestions regarding Forest administration in the Central Provinces", and that although the views of the Head of the Department on the matters treated by Dr. Schlich were asked for in October 1883, no reply was received from your office until *April 1886, and even then the reply was not complete. The Officiating Chief Commissioner is aware that you were absent on furlough from May 1883 to May 1885, and if this had not been so, this excessive delay might not have occurred; but the fact remains that the opinion which the Head of the Department was asked to give on Dr. Schlich's suggestions was not furnished for upwards of two years, and even then no complete proposals were submitted. I am also to point out that, although on receipt of the Review by the Government of India of last year's Forest Report, your attention was specially† directed, among other things, to the question of including in the 1st Class Reserves certain Forest blocks in the Jubbulpore and Hoshangabad districts which had been examined with that object (*vide* paragraph 9 of your Report for 1884-85), the subject is still pending, as you reported in your letter No. B.-18, dated 10th April last, that you were not yet in a position to submit final proposals. The Officiating Chief Commissioner does not mean to say that you could have submitted final proposals sooner, but he desires to point out that you have had orders for

Transfer of 2nd to 1st Class Reserves.

*Your No. B-1, dated 2nd April 1886.

†This Office No. 4156-202, dated 27th October 1885.

their submission. The inclusion of these particular blocks in the 1st Class Reserves forms, however, but a small portion of the larger question discussed by Dr. Schlich, in respect to which the views of the Officiating Chief Commissioner have been recently communicated* to the Government of India. A copy of the letter to the Government of India was forwarded to you with my letter No. 3309-148, dated 26th July last, with instructions to report on the propriety of transferring to the 1st Class Reserves the several blocks detailed in Appendix D. to Mr. Thompson's Report on Forest management in the 2nd Class Reserves, in accordance with Mr. Thompson's recommendation. You were asked at the same time to report whether there are any other portions of the 2nd Class Reserves which you would propose to have similarly transferred. This is how the case stands now, and the Officiating Chief Commissioner will be glad to receive your proposals as soon as you can submit them.

*This Office No. 3310-148, dated 26th July 1886, to the Home Department.

3. It may be here noticed, with reference to your remark (paragraph 6) as to the want in these Provinces of a sufficiently strong Upper Subordinate establishment, that proposals for an increase of the executive and protective establishment and for replacing a large portion of the present temporary establishment by a permanent one, have been recently submitted† to the Government of India Proposals were submitted† at the same time for strengthening the Office establishments in these Provinces. The orders of the Government of India on these proposals are awaited. In view especially of the intended conversion of a considerable proportion of the 2nd Class Reserves into Reserves managed on the stricter system obtaining in the 1st Class Reserves, it is very desirable that the executive and protective establishment should, as you advise, be strengthened and placed on a proper footing.

Proposed increase of Establishments.

†Nos. 4351-269 & 4352-269, dated 24th September 1886, to the Home Department.

4. An account is given in paragraphs 7 to 18 of the Report of the work done in maintaining, checking and demarcating boundaries. In certain districts good progress has been made by the Department in checking and demarcating the boundaries of 2nd Class Reserves; in others, a great deal still remains to be done. Your special attention was drawn to this subject by Mr. Crosthwaite‡ in October last, and you were asked to submit detailed information as to the plan of operations in each district for the ensuing open season. This information was, however, greatly delayed, and the matter was not taken up as systematically, and the work in progress was not supervised by you as closely, as was desirable. At the same time Mr. Fitzpatrick admits that this demarcation work is a matter of some magnitude and not without its difficulties. A complete scheme has now been proposed by yourself and the Commissioner of Settlements, and sanctioned by the Officiating Chief Commissioner, under which the work of demarcating the 2nd Class Reserves, so far as they march with the khalsa, will be completed by the end of 1888. One of the main features of this scheme is the utilisation in a considerable number of districts of the operations of the Traverse Survey parties, coupled with those of the re-organised Patwari Establishments which work in conjunction with the Traverse Survey, for forest demarcation purposes. The scheme excludes the

Boundaries.

‡This Office No. 4156-202, dated 27th October 1885.

Mandla district and the hill portion of Balaghat, for which separate treatment is required. Orders have now been communicated* to you for dealing with Mandla, in which district there is a considerable quantity of patch cultivation, which had best be excluded from the permanent Forest estate and made over permanently to cultivation. It may be added, with reference to the orders of the Government of India †quoted in the margin, that ‡sanction has recently been obtained to the exclusion from the Reserves of a considerable portion of the Charwa tract in the Hoshangabad district in view to its being brought under cultivation.

* This Office No 4910-269, dated 26th October 1886.

† From Home Department, No. 790 F., para 3, dated 24th October 1884. Circulated with Chief Commissioner's Circular No 10 of 1885

‡This Office letter No 2202-126, dated 22nd May 1886, to the Home Department.
No. 828 F., dated 17th September 1886, from the Revenue and Agricultural Department.

Superior staff

5. The Officiating Chief Commissioner regrets that the §Government of India have expressed their inability to post a junior trained officer to these Provinces this year. The Controlling Staff requires strengthening. The Officiating Chief Commissioner is of opinion that there should be a controlling officer for each district, and there are, at present, in the province for 18 districts only 15 officers of the controlling staff proper, viz., Deputy and Assistant Conservators. For working purposes this number is reduced by the absence of officers on leave, &c. Failing an adequate staff of superior officers, it is, in the Officiating Chief Commissioner's opinion, very necessary that there should at least be a Sub-Assistant Conservator for each district, who would act as controlling officer under the orders of the Deputy Commissioner. The proposals for increase of Establishment referred to in paragraph 3 accordingly provide for an increase of the Staff of Sub-Assistant Conservators, which the Officiating Chief Commissioner trusts will be sanctioned. Unless this assistance at least is obtained, little or nothing can be done by the ordinary staff of the province in the way of preparing regular working plans, and the Department will have to be satisfied with the annual plans of operations which are now submitted with the Budget Estimates.

§Home Department No. 762, dated 27th August 1886.

Breaches of Forest Law.

6. The number of cases reported, and the manner in which they and the cases pending from the previous year were dealt with, are given below for two years :—

Year.	Pending from the previous year.	New cases.	Total for disposal.	Prosecuted.	Compounded.	Dismissed.	Not detected.	Pending at the close of the year.
1884-85 ...	1,245	*11,472	12,717	310	11,503	302	109	493
1885-86 ...	493	9,358	9,851	399	8,444	345	224	439

* This is obtained by adding the number of new cases in Form No. 52 to those in Form No. 52 A. of last year's Report.

The number of persons dealt with, and the manner in which they were dealt with, are as follows for the two years:—

Year.	Prosecuted.	Compounded.	Dismissed.	Pending at the close of the year.	Total.
1884-85	1,014	20,352	830	807	23,003
1885-86	1,441	18,218	575	1,159	21,393

There was a large decrease in the number of new cases reported, while the number of cases and persons prosecuted increased very considerably. There was also an increase in the number of cases not detected. Convictions were obtained in a smaller percentage of cases than in the previous year, but at the same time the percentage of persons convicted was larger than in that year. There was evidently, the Officiating Chief Commissioner notices, a want of care in instituting prosecutions in the Bhandara district.

The number of cases reported from the 2nd Class Reserves throughout the province was nearly twenty times as large as the number reported from the 1st Class Reserves, a difference enormously greater than can be accounted for by difference of area. It is, however, not unnatural to expect that the number of offences committed in forests which are maintained under a looser system of conservancy should be much greater than in those which are maintained under a stricter system. Moreover, it is believed that the 1st Class Reserves are for the most part situated in tracts more removed from cultivation than the 2nd Class.

The Departmental returns of offences are for the financial year, while the Judicial returns are for the calendar year, so that the two sets of returns cannot be usefully compared. The increase of Forest offences in the calendar year 1885, as compared with 1884, was noticed in paragraphs 6 and 7 of the Officiating Chief Commissioner's Review of the Criminal (Judicial) Report for 1885.

Special fire protection.

7. It was observed in the Review by the Government of India of last year's Report that the results of special fire protection, begun 20 years ago, in these Provinces had, on the whole, been extremely satisfactory. The area under special protection during the past season was the same as that in the previous season, viz., 1,434 square miles, of which 70½ square miles were burnt, compared with 35 square miles in the previous season. But excluding the Nimar Division, the success obtained was very good indeed. This Division alone accounts for 69 square miles of failure. The results elsewhere were therefore very creditable to the officers concerned.

In Nimar, the Chandgarh and Punassa Reserves suffered severely as usual, accounting between them for about 67 square miles of failure. In Chandgarh about one-half (or 48 square miles) of the area under special protection was burnt; in Punassa about 19 out of 143 square miles were burnt. You observe (paragraph 51) that "it is beyond question that exceptional conditions "render the protection of these forests a difficult matter, and that to secure

"success it will in the present be necessary materially to strengthen the "supervising and patrolling establishment, and that for this arrangements will "be made before the next fire season comes round." The fires which occurred in these two reserves in the previous season were in last year's Report (paragraphs 52 and 53) ascribed, at least in part, to wilful acts of incendiarism by dacoits or a few discontented individuals living in the vicinity of the forests, and the Officiating Chief Commissioner understands that these are the "exceptional circumstances" to which you now refer. You suggested last year that the case might be met by the enforcement of the *last clause of Section 25 of the Forest Act, and the Government of India asked the Chief Commissioner (paragraph 7 of their Review) to consider whether action of this kind is not advisable. You discussed this subject in your letter No. B—90, dated 7th July last, and the Officiating Chief Commissioner is disposed to agree with you that it is difficult in practice to make much use of this provision of the Act. You now propose to arrange for the protection of these reserves by strengthening the establishment which looks after them, and the Officiating Chief Commissioner hopes that better results will be reported next year.

* "Whenever fire is caused "wilfully or by gross negligence "in a Reserved Forest, the Lo- "cal Government may (not- "withstanding that any pen- "alty has been inflicted under "this Section) direct that in "such forest or any portion "thereof, the exercise of all "rights of pasture or to forest "produce shall be suspended "for such period as it thinks "fit."

General fire protection.

8. A considerable measure of success has been obtained, as shown in paragraphs 40 to 48 of the Report, in saving forest areas from fire without special protective measures and special expenditure. The greatest success may naturally be expected over areas where there is least left to burn, *e. g.*, in heavily grazed forests; but the Officiating Chief Commissioner supposes that even here much good must result to any young forest growth there may be from the exclusion of fires, and that the extension, without special expenditure, of general fire protection over the largest possible extent of wooded area is a desirable object.

Grazing.

9. The Officiating Chief Commissioner understands from paragraphs 55 to 62 of the Report that grazing is ordinarily allowed in all forests not specially protected from fire, and that, except apparently in the Nimar division, grazing is for the most part prohibited in areas under special protection. Practically the whole of the 2nd Class Reserves, comprising an area of about 16,000 square miles, is open to grazing, and apparently a considerable portion of the 3,500 square miles of 1st Class Reserves is also open to grazing; and you observe that the prevention of grazing without protection from fire is not to be desired unless there is a very brisk demand for grass. The number of buffaloes grazed appears to be increasing. In Wardha, and probably in Chanda and Betul, the decrease in the number of other animals grazed is ascribed to the opening of forests in Berar to grazing. It appears that, although so large an extent of the Forest area is open to grazing, some districts are greatly over-grazed, and the Officiating Chief Commissioner has recently sanctioned an increase of the grazing rates in certain districts of the Nagpur Division to take effect when the current licenses have expired. He understands that the raising of these rates in other districts is under your consideration now. The revenue from grazing fees declined from Rs. 4,03,558 to Rs. 3,78,916.

No. 128-B. of 1886-87.

FROM

LIEUTENANT-COLONEL J. C. DOVETON,

CONSERVATOR OF FORESTS,

Central Provinces.

To

THE SECRETARY TO THE CHIEF COMMISSIONER,

Central Provinces.

Dated Nagpur, the 17th August 1886.

SIR,

I have the honour herewith to forward the Annual Forest Report for 1885-[illegible]

I have the honour to be,

Sir,

Your most obedient Servant,

J. C. DOVETON,

Conservator of Forests.

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PROGRESS REPORT

OF

FOREST ADMINISTRATION

IN THE

CENTRAL PROVINCES

FOR THE YEAR 1885-86.

By Lieut.-Colonel J. C. DOVETON, M. S. C.,

Conservator of Forests, C. P.

CHAPTER I.

Area and Boundaries.

Area.

1. The following abstract shows the changes in the Forest areas during the past year :—

Forests.		Area on 1st April 1885.	Added during the year.	Excluded during the year.	Area remaining on 31st March 1886.
Reserves ...	1st Class ...	22,43,314	.....	263	22,43,051
	2nd Class	1,01,98,235	664	4,650	1,01,94,249
Unreserved forests ...		2,58,810	245	483	2,58,572
Total ...		12,700,359	909	5,396	1,26,95,872

1st Class Reserves.

The details of the foregoing figures are given in Forms Nos. 49, 49 A. and 49 B.

2. The area of the 1st Class Reserves was reduced by 263 acres excluded for cultivation from the Ajnal Reserve in Nimar by Chief Commissioner's Notification No. 3989 of 24th October 1885.

2nd Class Reserves.

3. The difference in the areas of the 2nd Class Reserves is accounted for as follows :—

The Chandni land with an area of 584 acres reverted to Government, and was declared Reserved forest by Chief Commissioner's Notification No. 4621 of 26th November 1885.

In Jubbulpore the area of one of the blocks was found to be 80 acres more than was previously recorded and correction has been made accordingly.

In Nagpur it was found that the area recorded was incorrect, no deduction having been made from the original total for certain areas that had been alienated. The difference is 4,550 acres.

4. In the Unreserved forests the figures show an increase of 145 acres on account of correction of areas in Damoh and Balaghat, while in Balaghat the resumption of a clearance lease accounts for an increase of 100 acres. In the Nagpur district the correction of areas results in a decrease of 483 acres.

5. In some Divisions and especially in Nagpur much pains has been bestowed on securing a more complete record of areas. The figures available are still open to further correction, though it is improbable that the corrections that may be found necessary will cause any material difference in the total recorded area.

6. It will be observed that the records of the past year show no additions to the 1st Class reserves by transfers from the 2nd Class reserves. The cause of this was not that the Forest Department was not prepared to specify to what areas attention should first be given, but that the course to be adopted was not definitely decided. A definite line of action has now been laid down by the Chief Commissioner, and proposals for increasing considerably the area under strict conservation will shortly be submitted. In this as well as in all other matters of forest administration the one great difficulty to be contended with is, the want of a sufficiently strong Upper Subordinate establishment.

Boundaries.

7. The boundaries of the 1st Class reserves are effectively maintained.

1st Class Reserves

On reference to Appendix A. it will be observed that of a total length of 2,193 miles of artificial boundary, 1,921 were cleared during the year. Attention was also paid to the maintenance of boundary marks, and, as shown in the Statement above referred to, 3,696 new marks were erected. In the Chanda Division these marks consist of a ridge and trench at intervals showing the direction of the boundary; in Seoni and elsewhere stout posts have been erected with piles of stone set round them.

8. Deducting the amount chargeable to fire protection (Rs. 4,286), the outlay on the maintenance and improvement of boundaries and demarcation has been Rs. 1,624, as shown in Appendix A.

9. Considerable attention has been devoted to the checking of boundaries

2nd Class Reserves.

of the 2nd Class reserves and improving the demarcation of these forests, and in this matter, though much remains to be done, considering the difficulties that have to be contended with, a considerable amount of good work has been accomplished.

10. In round figures 2,370 miles of boundary were checked by survey, and 1,090 miles were further demarcated by the clearing of boundary lines and erection of substantial boundary marks at a cost of Rs. 8,499; while in the Raipur district the whole of the forest boundaries contiguous with the khalsa villages in Raipur were checked, and similarly about four-fifths of this work in the four parganas of the Dhamtari tahsil was accomplished.

The following tabular statement exhibits the work done in different districts :—

Districts.	Total length of boundary surveyed.		Total length of boundary demarcated.		Total cost.		
	Miles.	Chains.	Miles.	Chains.	Rs.	A	P.
Nagpur ...	296	9	15	10	537	6	6
Bhandara ..	569	38	26	1	876	6	9
Chanda ...	350	35	106	24	2,420	9	11
Wardha	78	9	13	1	528	5	10
Balaghat ...	117	10	126	76	372	12	7
Jubbulpore ...	43	32	39	42	644	12	8
Damoh	...	...	105	...	9	13	1
Mandla ...	197	22	...	...	663	12	2
Betul ...	289	.	426	63	467	3	8
Chhindwara .	298	2	155	64	663	13	4
Hoshangabad	99	34	57	10	1,314	0	0
Total	2,338	31	1,058	24	8,499	0	6

Damoh.

11. In Damoh since the traverse survey entered the district the action of the Forest Department has been confined to seeing, as far as practicable, that the line clearing for this survey started from and terminated at the correct points. The demarcation in this district is, it is believed, sufficiently accurate for all practical purposes.

Jubbulpore.

12. In Jubbulpore also the checking of boundaries was stopped when the traverse survey entered the district. From what I have seen of the results of the checking of boundaries, I believe that the forest boundaries as laid down in this district also are fairly correct.

Hoshangabad.

13. Regarding Hoshangabad the Divisional Officer reports that the work done between 1st April and 1st July 1885, may have to be abandoned. Since then up to the close of the year, 30 miles and 4 chains of boundary were finally settled and permanently demarcated, but the work as carried on was found so costly that it was stopped in May last.

Balaghat.

14. In Balaghat the work was stopped partly to facilitate progress in Bhandara where the work was more difficult, and partly because it was not certain that the work done in Balaghat was satisfactory. The Conservator has since ascertained that the work accomplished under Mr. Mahomed Ghouse in this district has been well done.

Mandla and Wardha.

15. In Mandla the work was checked in the early part of the season owing to uncertainty in the minds of Civil and Forest Officers as to how disputes were to be finally settled; while in Wardha an accident which befell the Sub-Assistant Conservator of Forests in charge of the work caused a very serious check to progress.

16. The work in Betul, Bhandara and Nagpur is now far advanced towards completion.

17. In Raipur the checking of boundaries has been carried on in connection with the preparation for the traverse survey, hence the work of the Forest Department and the Revenue Officials working in conjunction with it, so far as the clearing of lines is concerned, has been chiefly supervision.

Raipur.

18. In considering the amount of work accomplished in the checking of boundaries and demarcation, not only must the numerous other heavy duties of the supervising Officers be borne in mind, but the fact must not be overlooked that before these boundaries could be checked, narrow lines have, in most cases, had to be cleared, and that in a number of cases these lines have run through bambu forest or thorn jungle.

CHAPTER II.

Surveys, Working plans, and Annual plans of operations.

19. During the year under report no survey work has been undertaken except in connection with the checking of boundaries.

In the Jubbulpore Division the work thus done has been utilized in preparing skeleton maps of some of the forest areas, which in the absence of regular forest maps will be most useful.

20. No regular working plans are in force in these Provinces, and none were drawn up during the year under report.

21. The submission of annual plans of operations with the Budget estimates continue to be enforced. These annual plans of operations will be more easily checked and controlled when general plans of operations, however elementary, have been drawn up for all forests for a series of years.

22. The preparation of working plans in these Provinces is, it must be admitted, a large undertaking, and it is hoped that for this purpose further assistance may be made available, for as a rule Divisional Officers have not the time to devote to such work. Probably it will be necessary to organize a special branch of the Department for this purpose.

CHAPTER III.

Protection and Improvement.

Establishments.

23. The maximum strength of the Superior staff available during the year under report, was—

Gazetted Officers available

1 Conservator.
14 Deputy and Assistant Conservators.

24. The changes in the Superior staff available for duty during the year under report, were as follows :—

The following Officers rejoined from long leave—

The Conservator on 21st May 1885.

Mr. G. H. Foster, Deputy Conservator, on 28th February 1886.
Mr. E. Dobbs, Assistant Conservator, on 28th June 1885.
Mr. H. Moore, Assistant Conservator, on 26th May 1885.
Mr. G. F. Taylor, Assistant Conservator, in August 1885.
Mr. Taylor, Assistant Conservator, on arrival was transferred to Berar.

Short leave was granted to Captain C. W. Losack, Deputy Conservator, for three months from 9th August to 12th November 1885.

Mr. A. Watson, Officiating Assistant Conservator, was transferred to the Provinces and joined on 1st April 1885.

Mr. A. F. Gradon, Assistant Conservator, was posted to the Provinces and reported his arrival on 4th December 1885.

On being relieved by the Conservator for whom he officiated, Mr. R. Thompson, Deputy Conservator, was deputed on special duty to enquire into the management and working of the 2nd Class reserves, and finally in November 1885 this Officer was posted to the Chhattisgarh Division, for which an Officer had not previously been available.

Subordinate Establishment.

25. In the sanctioned scale of Permanent Subordinate Establishment there was no change. The temporary Establishment was increased by 6 men on salaries not exceeding Rs. 8 per mensem, in consequence of the abolition of commutation in certain forests in Balaghat.

26. In the disposition of the Subordinate Establishment, permanent and temporary, there was no important change.

General protection and breaches of the Forest law.

Offences by members of the Establishment.

27. The number of cases in which subordinates had to be punished is given in the following Statement:—

How disposed of.	Permanent Establishment.						Temporary Establishment.								Grand Total.	Percentage on the strength of the Subordinate Establishment.
	Forest Rangers.	Foresters.	Forest guards.	Vernacular Clerks.	Orderly peons.	Total.	Darogahs	Jemadars.	Surveyors.	Duffadars.	Moharirs.	License vendors.	Chaprasies.	Total.		
Prosecuted ...	...	1	...	...	...	1	...	1	...	1	...	...	5	7	8	0·38
Dismissed from service ...	..	2	5	...	...	7	...	2	..	5	5	4	55	71	78	3·78
Degraded ...	..	1	..	..	...	1	...	2	..	4	1	...	13	20	21	1·01
Suspended ...	...	...	...	...	...	...	...	...	...	2	2	1	12	17	17	0·82
Fined ...	2	1	16	8	5	32	2	12	3	59	32	24	87	219	251	12·04
Total ...	2	5	21	8	5	41	2	17	3	71	40	29	172	334	375	17·99

Under the head of dismissals are many cases in which the names of individuals were struck off the strength of the establishment, owing to their not rejoining from leave.

28. Tasaduk Hoossain, formerly a Forest Ranger whose escape was referred to in para. 31 of the past year's report, was apprehended and sentenced to three years imprisonment with a fine of Rs. 500.

29. Of the eight cases in which prosecution was necessary four were for criminal breach of trust or misappropriation, one for bribery and three for acts of violence. Four other Subordinates were tried, two for criminal breach of trust, one for abetting the dishonest use of a forest license, and one for an act of violence, but were acquitted on appeal.

30. It will be observed that one of the Subordinates convicted was in the position of a Forester.

31. In proportion to the establishment employed, punishments have been most numerous in Bhandara and Chhindwara.

In Narsinghpur and Bilaspur no punishments appear to have been necessary, while in Saugor, Mandla and Damoh very few punishments had to be awarded.

32. The total number of punishments awarded may not be large, but were there a sufficient staff of properly trained Forest Rangers, offences demanding punishment would surely be much fewer.

33. Statement 50 A. gives the number of forest offences reported, and shows how they were disposed of. The total number of cases reported during 1885-86 was 9,358 against 11,472 in the previous year.

Breaches of Forest law

Of the cases reported, 345 in which 575 persons were concerned were dismissed for want of evidence, and in 221 cases the offenders were undetected; thus with the pending cases of the previous year there were 9,280 cases involving 20,818 persons for disposal. Of these, 399 cases in which 1,441 persons were involved were prosecuted, these cases are recorded in detail in Form 50. In 8,441 cases 18,218 persons were permitted to compound, and at close of the year 437 cases in which 1,159 persons were accused remained pending.

34. As compared with the area of the forests the offences reported have been most numerous in Nagpur, Saugor and Chhindwara. and least numerous in Balaghat, Bilaspur, Mandla and Hoshangabad. Similarly it may be noted that the number of offences reported in connection with the 2nd Class Reserves is four times as great as the number of offences reported in the 1st Class Reserves.

35. The result of the prosecutions undertaken is shown by Divisions in Statement 50.

36. The percentage of convictions as compared with the figures of the previous year has been as follows :—

	1884-85.		1885-86.	
	Cases.	Persons.	Cases.	Persons.
In the 1st Class Reserves ...	92·3	89·6	91·6	85·7
In the 2nd Class Reserves ..	86·2	75·5	81·9	81·4
In all Reserves ...	86·4	75·9	82·2	81·5

The heaviest percentage of acquittals was in Bhandara, where out of 23 cases involving 105 persons taken into Court in 8 cases, 53 persons were acquitted. The cause of this has not been satisfactorily explained, but is probably due to want of experience on the part of the Subordinate establishment entrusted with the prosecutions.

General protection, areas closed against cutting or worked in rotation.

37. With the exception of three blocks aggregating 3,811 acres in Jubbulpore which were opened for the cutting of wood and bambus, the areas returned as closed in the Statement in para. 122 of the report for 1884-85 remained closed during the past year, and those areas in Seoni and Saugor shown in the same Statement as worked in rotation continued to be so worked.

To the area closed to cutting in Chhindwara were added during the year 54 blocks comprising 63,900 acres, and which include some of the best forests in the district.

Forest fires.

38. Forest fires are still of frequent occurrence, and it is an unquestionable fact that by far the larger portion of the forest area in these Provinces is still annually burnt over. It appears, however, that the area of the Government forests that escape being burnt is increasing.

39. In 1884-85 an attempt was made to secure record of the areas that escaped fire without special protection, but the figures available for that season were not considered sufficiently reliable to quote. For the past season the figures available, though not complete, are in most cases more reliable. The area to be dealt with is so large and the number of Subordinates who are capable of estimating areas with any degree of accuracy so small, that it is a decidedly difficult matter to secure accurate returns on this subject.

1st Class Reserves.

40. In the 1st Class Reserves the areas for the protection of which from fire no special measures were adopted, and the proportion of these areas which escaped fire were as follows :—

	Total area.	Burnt.	Escaped being burnt.
	Acres.	Acres.	Acres.
Mandla ...	1,04,204	1,04,204	Nil.
Hoshangabad	77,766	.....	77,766
Betul	1,28,812	26,709	1,02,103
Nimar	6,00,632	5,20,581	80,051
Chanda	2,32,546	2,32,546	Nil.
Seoni	1,37,384	1,19,982	17,402
Seoni	21,540	3,200	18,340
Saugor	23,332	Nil.	23,332
Wardha	6,590	Nil.	6,590

The foregoing figures may be accepted as fairly reliable. The boundary line round the 21,540 acres shown separately against Seoni was burnt.

41. In Saugor, the forest areas being generally disconnected from private lands liable to be fired, are favourably situated for protection, while in Wardha heavy grazing largely diminished the risk of fire.

The areas in Mandla and Chanda are not under favourable conditions in respect of safety from fire, while in Nimar the risk of fire is very great.

2nd Class Reserves Nagpur Division.

42. In the 2nd Class Reserves in Wardha, of 1,00,863 acres 72,243 acres escaped being burnt, but this degree of safety from fire is mainly due to excessive grazing. In Chanda the whole forest area appears to have been burnt, and in Balaghat but 2,700 acres appear to have escaped. In Bhandara, of 3,52,246 acres it is reported that 2,79,128 acres remained unburnt to the close of the dry season, and this is decidedly satisfactory; but the largest measure of success in the Nagpur Division is shown for the Nagpur district, in which of 2,55,235 acres 2,28,633 acres escaped fire. The measure of success secured in this Division was doubtless due, to some extent, to excessive grazing, still the results are very creditable.

Jubbulpore Division.

43. For the Jubbulpore district no reliable information is available, and for the Mandla district the information available does not come up to the close of the dry season. In the Saugor district of 4,71,603 acres 4,52,074 acres are believed to have escaped; in Damoh 1,31,069 acres of a total area of 5,34,770 acres, and in Seoni 1,14,512 acres of a total area of 3,54,306 acres are reported to have remained safe from fire to the close of the past dry season.

44. The results reported in Saugor are doubtless partly due to heavy grazing and the position of the forests, but close supervision has doubtless had much to do with the measure of success secured.

Nerbudda Division.

45. In the Hoshangabad district the whole area not under special protection is reported as burnt; for Chhindwara no information is available. In Narsinghpur 91,424 acres out of a total of 1,23,712 acres, and in Betul 1,55,000 acres of a total area of 5,45,482 acres appear to have escaped fire; while in Nimar it is reported that of 4,58,427 acres no less than 3,29,787 acres remained unburnt up to the close of the season 1885-86.

46. In respect of the large area in Nimar returned as having escaped being burnt, it is a fact that these areas are generally more heavily grazed than the 1st Class Reserves; but this does not fully account for the better results recorded for the 2nd Class Reserves, and it is feared that the difference in respect of results in these two classes of forests is partly due to inaccuracy in the reports of areas burnt.

Chhattisgarh Division.

47. In the Raipur district Mr. Thompson, the Deputy Conservator in charge, reports that of 868 square miles in Laon, Sunjari and Sihawa 842 square miles escaped being burnt during the dry season 1885-86. In Sambalpur the Deputy Commissioner reports that

of seven forest blocks aggregating 1,39,840 acres 40,000 acres only escaped from fire. For the Bilaspur district information up to close of the dry season is not available.

48. From the foregoing record of facts regarding general fire protection, it is evident that during the past season a very considerable area (about 4,000 square miles) escaped being burnt, and the results so far may be regarded as satisfactory. Generally, however, the largest measure of success has been where the results can be least beneficial, viz : where there was least left to burn or to decompose and form soil.

Areas under special protection from fire.

49. The areas under special protection from fire are returned in Form 51. It will be observed that of 9,17,951 acres for the protection of which special measures were adopted, 8,72,869 acres were successfully protected and 45,082 acres were burnt. Of the area representing failure no less than 44,182 acres are in the Nimar Division. Leaving out of account the Nimar Division the results are as follows :—

		Acres.
Area attempted	...	6,55,801
Actually protected	...	6,54,901
Failures	...	900

So close an approximation to complete success leaves no field for remark, except that of the 900 acres burnt 602 were in Singrampur and resulted from the carelessness of some men of a Regiment camped near this Reserve en route from Saugor to Jubbulpore. Special arrangements have been made with the Military authorities to guard against such accidents in the future.

50. As regards fire protection in Nimar it is to be noted that in Kalibheet protection was practically complete, 49 acres out of 62,080 acres having been burnt. In the Khandwa reserve 920 acres out of 35,840 and in Undria Baoria 264 acres out of 3,100 were burnt. These two failures which were not very large are without doubt attributable to the inefficiency of the Range officer, a new man who was appointed on trial and who could not be removed during the open season.

51. The extensive failures which account for 42,949 acres of the total failures in the Provinces were in the Punassa and Chandgarh reserves. In Chandgarh no less than 30,537 acres of a total area of 61,440 acres were burnt, and in Punassa of 91,920 acres 12,412 acres were burnt. It is possible that had the Range officer been properly supported by the Foresters under him, the area burnt in Chandgarh would have been much less ; but it is beyond question that exceptional conditions render the protection of these forests a difficult matter, and that to secure success it will in the present be necessary materially to strengthen the supervising and patrolling establishment, and for this arrangements will be made before the next fire season comes round.

52. The average cost per acre of protection from fire was pies 3·125, against pies 3·976 in the previous year ; but this difference is mainly due to accidental conditions. The total cost of fire protection for the dry season 1885-86 was Rs. 17,521-7-2, of which Rs. 10,235-4-8 appear in the accounts of the current official year.

53. Except in the case of Nimar, where 44,182 acres were burnt against 21,780 acres in the previous year, there is no field for comparison of the past season's figures with those of 1884-85 and therefore a comparative Statement of results is not necessary.

54. If the two reserves of Punassa and Chandgarh referred to in para. 51 be left out of account, the result of the special measures for the prevention of forest fires must be regarded as satisfactory.

Grazing and Fencing.

1st Class Reserves, Mandla Division

55. With the exception of the eastern part of the Lower Gour to which 1,729 head of cattle are admitted, the whole of the areas under fire protection in the Mandla Division have remained closed against grazing. These forests comprise but 1,20,108 acres, and are situated in or on the borders of other extensive grazing grounds.

Hoshangabad Division

56. In the Hoshangabad Division the Bori forest is closed to grazing except for the few cattle owned by residents of the forest. In Saonligarh 12 square miles and in Rajaborari 12 square miles in the Machuk block, 9 square miles in the Ajnal block and 9 square miles in the Gunjal block forming part of the fire protected areas, and within which improvement cuttings have been carried on, were closed against grazing.

Betul Division

57. In the Betul Division the fire protected areas aggregating 38,720 acres are closed against grazing, except for the cattle owned by the inhabitants of a few villages on the borders of Bowergarh.

Nimar Division.

58. In the Nimar Division, of the total area of 1,348 square miles about 167 square miles forming part of the area under protection from fire is closed to grazing. The area closed is much too small and ere long it will be necessary to commence increasing it.

Chanda Division

59. In the Chanda Division the areas under protection from fire are also closed to grazing, with the exception of a small portion of the Taroba block where the cattle of the adjacent villages are allowed to graze.

Seoni Division

60. In the Seoni Division the areas under fire protection, aggregating 1,40,770 acres in the Korai and East and West Pench ranges, were closed to grazing with the following exceptions; grazing was allowed for 454 head of cattle on 600 acres of the Korai block, for 1,280 head in the Sakata block and 2,047 head in the Nurhar block.

Saugor Division.

61. In the Saugor Division the 18,663 acres under protection from fire were also closed to grazing, and in the Wardha Division 5,127 acres in Erjhar and 7,045 acres in Dhuga were similarly closed.

2nd Class Reserves.

62. Of the 2nd Class Reserves, 10,944 acres in Bhandara and 4,817 acres in Balaghat were closed, and the rest of the forest area was open to grazing. It may here be remarked that the prevention of grazing without protection from fire is not to be desired unless there is a very brisk demand for grass.

63. Mr. Thompson, Deputy Conservator, Chhattisgarh Division, comments in his annual report on the systematic manner in which village waste lands are closed to the grazing of the village cattle, thus compelling the village communities to take their cattle to graze in the Government forests. It is not probable that the village communities gain by such arrangements, which in a District like Raipur, where grass is so valuable, must prove a source of considerable loss to Government, and some means will have to be adopted to check this system of destroying the revenue-yielding capacity of the Government forests for the benefit of perhaps a few private individuals.

64. The following Statement exhibits the number of animals grazed in the Government forests and the income derived therefrom :—

Division.	1885-86.						Revenue.	Remarks.
	Buffaloes.	Cows and Bullocks.	Sheep and Goats.	Ponies and Donkeys.	Camels.	Other animals.		
	No.	No.	No.	No.	No.	No.	Rs. a. p.	
1st Class Reserves.								
Mandla ...	1,046	7,728	...	...	...	...	1,223 12 6	
Hoshangabad ...	8,541	66,109	438	311	10	3	6,722 15 6	
Betul ...	3,975	16,144	673	...	...	...	3,069 14 6	
Nimar ...	22,553	88,033	8,710	4	174	...	16,951 11 0	
Chanda ...	2,732	29,678	10,365	...	...	...	4,966 10 6	
Seoni ...	4,398	53,539	1,016	10	...	...	6,537 14 8	
Saugor ...	2,554	10,422	114	76	...	...	2,288 3 2	
Wardha ...	1,622	9,074	...	...	...	...	2,309 10 0	
Total ...	47,421	2,80,727	21,316	401	184	3	44,070 11 10	
2nd Class Reserves.								
Nagpur ...	5,353	75,128	30,793	...	...	...	11,361 10 0	
Bhandara ...	5,916	88,007	21,291	...	...	...	19,773 10 9	
Chanda ...	50,519	2,83,922	1,89,981	...	...	...	39,590 4 5	
Wardha ...	11,563	39,783	...	...	...	...	11,952 9 0	
Balaghat ...	8,491	1,06,497	11,178	...	...	...	11,630 11 0	
Jubbulpore ...	9,562	58,816	2,613	...	...	...	9,436 2 3	
Saugor ...	46,725	1,82,402	16,817	825	...	41	32,896 10 10	
Damoh ...	37,324	1,66,336	18,469	1	...	6	29,575 2 0	
Seoni ...	23,911	1,82,202	12,603	...	...	...	27,658 0 6	
Mandla ...	56,525	3,01,125	40,200	...	...	...	50,751 9 8	Including revenue from grass.
Hoshangabad ...	20,016	1,70,623	35,804	255	84	...	16,495 13 9	
Betul ...	19,387	1,02,309	34,166	28	39	302	18,622 8 10	
Chhindwara ...	18,893	1,34,872	31,033	18	2	...	16,375 7 11	
Narsinghpur ...	4,765	25,953	2,174	...	...	...	4,574 9 0	
Nimar ...	24,329	48,354	3,588	...	...	...	11,257 11 0	
Raipur ...	17,591	75,132	3,160	...	...	..	17,541 0 0	
Sambalpur ...	3,241	20,718	1,297	...	...	...	1,740 8 6	
Bilaspur ...	3,523	25,357	214	7	...	...	3,612 1 0	
Total ...	3,67,634	20,87,536	4,55,381	1,134	125	349	3,34,846 2 5	
Grand Total ...	4,15,055	23,68,263	4,76,697	1,535	309	352	3,78,916 14 3	

65. In the Review by the Government of India on the Forest Report for 1884-85, it was directed that the number of goats and sheep admitted to the Government forests should be shown separately; but this is not at present possible as in most cases the same licenses cover grazing for both sheep and goats.

66. The foregoing statement only gives a general idea of the intensity of the grazing in different districts. As an example of how unreliable must be the result of any calculations based on these figures, the Wardha district may be taken. A large portion of the stock exhibited in the return for this district is owned by comparatively wealthy people and is generaly sent for some portion of the year to the uplands of Balaghat and Mandla; on the other hand in the current year there is a very large number of Banjara cattle grazing in this district but for which licenses were taken out in Chanda and which will not appear in the Wardha grazing account.

It is, however, certain that the grazing in Wardha, Bhandara, Nagpur, Saugor and Damoh is generally very intense. Though parts of these Provinces may at present be overstocked it is not likely that the number of cattle will decrease and the only practical remedy for the evil above referred to is the periodical closing of a sufficient portion of the forest area, but this can hardly be attempted on a sufficiently large scale until the subordinate establishment is sufficiently strong to ensure at the same time protection from fire.

67. For the reasons given in para. 66 no attempt has been made to compare the number of cattle grazed in the past year with that grazed in 1884-85, but admitting that the difficulty of separating the figures for different forests in Nimar may have led to a mistake in respect of the number of buffaloes grazed in the 2nd Class Reserves of that district in 1884-85, it is still evident that the number of these animals that are sent to graze in the Government forests is increasing. The number of other cattle returned would indicate a decrease in the number that resorted to the Government forests, and this is surely the case in Wardha and probably so in Chanda and Betul and may be attributed to the opening for grazing of forests in Berar. Under the head of sheep and goats the difference in the number recorded as having grazed is probably due to the abolition of travelling licenses for grazing in the Government forests along the main road in Betul and Hoshangabad.

Natural reproduction.

68. Referring to the Reserved forests as a whole, it may be said that in all areas under regular protection from fire, reproduction is progressing favourably, and wherever grazing is light, reproduction to a moderate extent is going on, but, where grazing is heavy reproduction is not hoped for and can only be expected when accidental conditions protect the young seedlings from the hoofs and mouths of cattle.

69. In the teak forests of Barela, Jagmundal and Chuharigogarh reproduction continues to progress very favourably. In Jagmundal the most favourable feature is that the narrow bands of almost level ground in the upper portion of the hills and which were once under Dhya cultivation are now covered with a promising young

Mandla Division.

growth consisting chiefly of seedlings in which teak takes a most prominent place. The value of these bands of teak forest is very great on account of the important part they will play later on in securing the complete regeneration of the slopes below consisting at present chiefly of bambu forest.

70. In the sal forests of the Bunjar and Motinala also reproduction is good, though the development of the young crop, except in sheltered places, is retarded by the periodical occurrence of frosts. In the Bijeragogarh forests, which are also sal bearing, the results are not so good, though in most cases the young crop which was long since developed is gradually getting the upper hand of the coarse grasses. Here also the occurrence of frosts has greatly retarded the development of the young growth.

71. The Divisional Officer reports that in Singrampur reproduction is good, and that in favourable localities teak is taking a prominent place.

Hoshangabad Division.

72. In the fire protected areas of Saonligarh and Rajaborari the progress in the natural regeneration of the forests from seed is generally good and in many cases excellent. As compared with other species the reproduction of teak is most abundant. This may be a defect, but it is one that can by judicious treatment be remedied hereafter. Except in one or two very unfavourable localities blanks are steadily filling up and the development of the young growth generally is good.

Betul Division.

73. The Divisional report gives no information on this subject, but from the Conservator's own observation it is evident that in Bowergarh reproduction is good, and that teak is steadily taking a more prominent place among the young growth in all favourable localities.

Nimar Division.

74. Regarding reproduction as the result of fire protection in Nimar, the Divisional Officer writes very disparagingly, but from my personal observation in former years and what was observed during a short visit I was able to pay to one of the reserves in March 1886, I am of opinion that imperfect knowledge of the conditions previously existing has led to his under-estimating the value of the results attained.

Chanda Division.

75. In the Ahiri reserve it is no longer reproduction but the development of the young growth that has now to be looked for. In the Moharli reserve the most marked results are observed in the Pepulkote areas under protection from fire. As long as annua fires continued the young growth in these areas never got above the grass, but the exclusion of forest fires has resulted in a complete crop of young trees in which teak takes a most prominent place, taking possession of the ground to the more or less complete exclusion of the rank grass with which it was once covered. The results are so satisfactory as to render expedient the immediate extension of fire protection to all the open and thinly wooded areas in this locality.

76. In the Korai and East Pench fire protected areas the regeneration of the forest by seedling growth is progressing steadily wherever the growth is not already too dense for the development of seedlings, and the Divisional Officer reports that wherever grazing is light, as it is in some portions of the open blocks, reproduction is also good.

Seoni Division

77. In the Hathibari reserve the filling up of blanks is progressing most favourably and in all suitable localities the reproduction and development of teak is excellent. Regarding the Kuntra Nala reserve it may be said that the blanks are much less extensive than they were some years ago and that the progress in the development of the standing stock is good.

Chhattisgarh Division

78. In Wardha even in the fire protected areas reproduction is slow and, except in a few isolated cases, poor. Over a great portion of the area the formation of a suitable surface soil has first to be secured, and it may also be noted that there are grounds for fearing that but a small portion of the seed shed by the mutilated specimens of forest growth left in these forests is fertile.

Wardha Division.

79. In the Pandratola Reserve which is under fire protection the growth of the standing stock and the production and development of seedlings is progressing well, while the large blanks about Pandratola itself are steadily filling up though with a poor class of vegetation.

2nd Class Reserves, Balaghat

80. The Deputy Conservater reports that in the Soburdongri and Rajoli forests in Raipur the young teak is making good progress in spite of annual forest fires.

Raipur.

81. The Divisional Officer reports that in the Kariapahar forests in Seoni which have for some years been worked on a rotation fixed as a temporary measure the reproduction of new forest is very marked.

Seoni

82. Closely allied with natural reproduction is the result of the artificial process of cutting back badly grown trees with a view to their being replaced by a better and more vigorous growth.

Coppice Operations

83. In the Singrampur Reserve there was an outlay of Rs. 55 on work of the description defined in the preceding paragraph ; but the area operated on is not given. The proceeds from the out-turn of the cutting amounted to Rs. 560. The result of similar operations in previous years is reported as satisfactory.

Mandla Division.

In the Lower Gour Reserve 28 acres were similarly operated on, but as at the close of the year only a portion of the out-turn had been sold, the proceeds from the cuttings cannot be given. The result of similar cuttings in previous

years is satisfactory though it is evident that in places the cuttings might have been heavier.

84. On 150 acres in the Gunjal block in Rajaborari all badly grown teak trees not required for seed were cut back. The number of trees felled was 3,750, and the outlay Rs. 127. In the Dhekna block in Saonligarh 2,000 trees were similarly cut back at a cost of Rs. 74. The result of the cuttings in previous years in these forests is a vigorous and promising re-growth.

Hoshangabad Division.

85. In the Baka plantation the process of gradually cutting back the teak where it had suffered from frost was continued and 1,890 trees were thus cut in 1885-86. The average height of the regrowth of the first year has been 4 feet, but of succeeding years much less, as might be expected in such exposed situations.

Betul Division

Artificial reproduction.

86. Of the Katung bambus planted in the Bunjar in 1883 the greater portion are thriving.

Mandla Division

87. In the Saonligarh Reserve some of the sowings made in former years and which weretreated asfailures now exhibit fair results, and in one locality it was observed that the seedlings had advanced almost beyond the risk of injury from cattle.

Hoshangabad Division

88. For the planting of evergreens along the boundaries 2,000 pits were dug in Bowergarh and 1,300 in Khamapur.

Betul Division.

In the former reserve 3,976 and in Khamapur 1,463 evergreens, chiefly Mangoes, were planted out. There were but few failures and the average height of the plants was at the close of the year 2½ feet, while the trees of the previous year's planting averaged 3½ feet in height. On the boundary of the Bowergarh reserve 1,250 pits were also sown with Hurra but without good result, probably owing to sufficient care not being bestowed on the selection of seed. In the Bowergarh reserve 3 acres of blank were also sown with Tinsa and Khair in ploughed bands in order to cover the ground; similar sowings of previous years are coming on slowly, and will in time fit the land for the reception of better species; 2½ acres were also sown with teak.

89. In this Division an attempt was made to associate the raising of forest with cultivation as is done in Burmah, though on a somewhat different plan. The result was hardly successful but the experiment will be persevered in.

90. The sowings of previous years though not all successful are now showing good results. In many places the growth is excellent. In portions of the plantations thinnings have become necessary.

Seoni Division

91. At Kishuntalao near Damoh 2,953 trees of various kinds were planted out, but the results have not been recorded.

Damoh.

Early thinnings, removal of inferior species, cutting of creepers, &c.

92. Except in a portion of the small plantation at Korai in the Seoni Division, no thinnings have been undertaken and there are but few places where they are necessary.

Cutting out of creepers.

93. In the Barela Reserve in the Mandla Division a small amount of work was done under this head. In Betul the Divisional Officer reports, that over 1,80,000 creepers were cut out of the Bowergarh reserve and 1,29,000 out of the Khamapur Reserve at a cost of Rs. 356. Small sums were also spent on the cutting of creepers in the Rukar and Telia blocks in Seoni, in the Junawani forests in Nagpur and in the Pandratola reserve in Balaghat.

94. In Bhandara and Damoh some good work under this head was also done by the forest guards without special expenditure.

95. It is an unquestionable fact that until the cover of tree vegetation is complete, fire protection favours the production of creepers as much as of tree vegetation, and in many cases active measures are necessary to keep creepers in check till a full forest growth is established.

Experiments and Exotic trees.

96. Under this head there is but little to add to what has already been recorded in previous reports. Some plants of the "Dendrocalamus Brandisii" and of another species of bambu, not yet identified, which were introduced from Burmah in 1882, are now coming on fairly well at Telunkheri. It may also be noted that one of the "Mahogany" raised in 1877 flowered after the rains of 1885 but did not set seed. The older trees of this species raised in 1872 which are growing in a less exposed position, have not yet flowered.

97. Most of the Australian seed received with letter No. 852 of 16th October 1885, from the Inspector General of Forests, failed. A few seedlings only survive at Korai and are not flourishing.

98. The total expenditure on works referred to under the last three heads has been Rs. 2,760, and appears in the accounts under Budget Head A. VIII.

Communications and Buildings.

99. During the year under report no expenditure under this head was incurred that could conveniently be deferred.

Hoshangabad Division.

100. In the Rajaborari Reserve Rs. 217 were spent in completing the first 4 miles of the main export road from Jawarda to Mohkhal, and Rs. 299 on the extension of the same road by 3¼ miles. The road from Jawarda to the Hurrai boundary in the same forest was also widened at a cost of Rs. 139.

101. In the Saonligarh Reserve Rs. 62 were spent in widening part of the main road from Dhekna towards Lokurtalai and Seoni, and Rs. 344 on the Bhaji valley road opening up other portions of the Saonligarh Reserve for cart-traffic with the plains. The outlay on this road was chiefly on the construction of a good ghat on the most difficult portion of the road.

102. In the Bori Reserve Rs. 68 were spent on completing the road to Chuna and making it available for cart-traffic, and Rs. 44 on road repairs.

103. The total outlay on roads in this Division was Rs. 1,241.

Betul Division

104. In this Division outlay on the construction of projected roads was deferred, and only Rs. 256 were spent on repairs.

Other Divisions

105. Rs. 161 were spent on the repair of roads in the Mandla Division, and a few small sums on repairs in other divisions make up the total expenditure of Rs. 1,750 under Budget Head A. VII *a*.

Buildings Rest-houses and housing of Establishment.

106. The total outlay on account of buildings for the accommodation of the subordinate Establishment and officers in the forests as well as the two offices owned by the department has been Rs. 2,118. Of this sum Rs. 401 were spent in the Hoshangabad Division in completing the Forester's house at Burwani, Rs. 151 on the Dhekna naka and the balance on repairs of forest nakas and the Dhain Rest-house.

107. In the Nimar division the outlay on buildings amounted to Rs. 493. Rs. 42 were spent on repairs of the divisional office and the balance on the repairs of rest-houses and Subordinates' quarters.

108. In the Chanda division the outlay amounted to Rs. 240, of which Rs. 117 were spent on the maintenance of the Chanda bungalow, Rs. 51 in building quarters for the Ranger at Moharli and the balance on the repairs of Forest nakas.

109. In the Seoni division the total outlay was Rs. 512, of which no less than Rs. 413 were absorbed in the thatching and repair of the Korai Rest-house. The balance was spent on the construction of 3 new and the repairs of old nakas.

110. In other divisions an outlay of Rs. 457 was incurred in maintaining shelter for the subordinate Establishment where necessary.

111. The outlay on account of other works was only Rs. 312, of which Rs. 200 were spent in deepening the well at Sirkiatalao on the northern border of the Chandgarh Reserve in Nimar.

CHAPTER IV.

YIELD AND WORKING.

Departmental Operations.

112. Departmental operations were only on a small scale and were confined chiefly to the Mandla and Chanda divisions.

Mandla Division.

113. In the Mandla division 182 Sal trees were felled in the Bunjar Valley Reserve, 2,936 broad gauge sleepers and 1,500 scantlings were sawn, 900 broad gauge sleepers and 3,271 cubic feet of scantlings were delivered on indent at Jubbulpore, 3,400 maunds of Hurra were collected and 1,88,646 bambus, of which a portion was transported to Mandla and a portion to Gwarighat, were cut and collected. The

out-turn from improvement cuttings in Singrampur and the Lower Gour as well as a small quantity of fuel in Barela was collected for sale in the forest, and 6,58,000 bundles of grass were cut for sale in the fire protected portion of the Lower Gour reserve.

Chanda Division

114. In the Chanda division 23,393 narrow gauge sleepers were delivered to the Chhattisgarh State Railway. They were on stock on the Waingunga and were transported to the Railway: 300 sleepers and some scantlings were manufactured from stock on hand: 5,092 pit-props were cut in Moharli and supplied to the Warora Colliery, and some minor forest produce, poles and bambus were cut and collected for sale in Moharli.

Hoshangabad Division

115. In the Hoshangabad division the departmental operations were confined to the collection of material resulting from improvement cuttings, while in other divisions the departmental operations were unimportant.

116. During the year the greatest uncertainty prevailed in respect of the demand, and hence no larger timber operations were attempted.

117. In the Mandla district the hurra crop was again collected departmentally, but notwithstanding that the crop was a splendid one, only 3,264 maunds were secured.

118. The prescribed Forms connected with departmental operations are 53, 56 and 57. Form 53 relates only to selection felling strictly so-called: Form 56 is an account of timber and other produce brought to sale depôts or sold locally, while Form 57 gives the opening and closing balance of timber and other stock at sale depôts. The latter form shows a decrease of Rs. 11,995 in the value of stock at sale depôts, owing to the disposals being in excess of the receipts and partly to a reduction in the book value of the balance.

119. The yield by Departmental agency reduced to tons is given in Appendix B.

Removal of produce by purchasers.

120. The quantity of produce removed by purchasers, so far as it can be ascertained, is shown separately in Forms 54 and 55. The quantities are reduced to tons in Appendix C.

As already explained, of a great deal of the produce removed by purchasers no account is available, and therefore the figures under this head in the Statement above specified are not complete.

Free grants of forest produce.

121. Under this head there is nothing to record.

Produce removed by right-holders and under privileges.

122. Under this head also there is nothing to record.

Summary of produce removed from the forests.

123. Regarding the yield of the forests, tolerably complete data is only available for the 1st Class Reserves and the 2nd Class Reserves of Seoni, Saugor, Damoh, Mandla, Hoshangabad, Betul, Nagpur, Wardha, Bhandara and Chhind-

wara. For Jubbulpore and the great forest districts of Mandla, Chanda, and Balaghat, practically no information is available, while for Narsinghpur the data supplied relates to building wood only. For Raipur the return is complete for all produce removed on licenses for fixed quantities, but does not include produce removed under commutation licenses, which represents a very considerable amount.

124. The yield of the forests as shown by the accounts is given in Forms 54 and 55. Appendix D. shows the yield of the forests classified and reduced to tons. In this Statement, produce removed by Departmental agency and that removed by purchasers are shown separately.

125. The demand on and consequently the yield of the forests has been largely influenced by the slackness of the demand for Railways and other large works, to the extensive and in some cases heavy working of private forests, and lastly to the Chhattisgarh State Railway bringing private forests into closer competition with those belonging to Government.

126. Regarding the method on which the forests are worked there is nothing special to record, except that an Officer was deputed to enquire into and report on the management and working of the Second Class Reserves. His report has been received and submitted, and it will doubtless lead to some measures being adopted for the improved management of these forests.

Imports and Exports of forest produce.

127. There is nothing special to record under this head.

CHAPTER V.

Financial Results.

128. The receipts and charges as shown by Form 58 for the past and previous years are as follows :—

		1884-85.		1885-86.	
		Rs	Rs.	Rs.	Rs.
Receipts	..	..	10,27,202	...	10,36,893
Charges	A ...	3,24,128	...	2,59,404	...
	P. ..	1,71,693	4,95,821	1,86,029	4,45,433
Surplus ...	...	...	5,31,381	...	5,91,460

The actual receipts were more than in the previous year by about Rs. 10,000; but if the difference resulting from outstandings and liabilities on account of revenue as shown by Form No. 60, be deducted, the receipts of the year will be found to be about Rs. 25,000 less.

129. The quantity of teak alone brought into the market from private forests is in itself sufficient to account for a very large difference in the State forest revenue. It may also be added that the "Singust" did not end till October 1885 and that through the greater part of December cart traffic was stopped by heavy rain.

130. In respect of the expenditure under A.—Conservancy and Works there is a difference of Rs. 60,000, resulting from this amount having been paid in the previous year for the purchase of forest land in Ahiri. In 1885-86 Rs. 5,000 less were spent on departmental operations, Rs. 1,400 less on stores and Rs. 2,000 less on roads and buildings. On the other hand the expenditure on demarcation was Rs. 1,400 more than in the previous year, and Rs. 4,000 were paid on account of compensation for land held by the Forest Department for the period from 1869 to 1883. No expenditure was incurred that could conveniently be postponed. The larger expenditure under B.—Establishments is due to two of the Officers present being in higher grades.

The same causes that affect the revenue and expenditure also account for the difference in the surplus.

131. In the following statement the receipts, charges, surplus or deficit for the past two years are given by Divisions and Districts:—

Division.	Receipts.		Charges.		Surplus.		Deficit.	
	1884-85.	1885 86	1884-85.	1885-86.	1884-85.	1885-86.	1884 85.	1885 86.
1st Class Reserves.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction ...	2,288	3,086	26,788	39,101	...	..	24,500	36,015
Mandla ..	48,120	26,594	44,052	41,892	4,068	...	...	15,298
Hoshangabad ...	29,679	22,700	16,307	16,404	13.372	6,296	...	...
Betul ...	15,714	13,230	9,572	10,151	6,142	3,079	...	...
Nimar ...	40,716	38,294	28,928	31,523	11,788	6,771	..	...
Chanda ...	45,622	1,03,165	1,00,009	34,162	...	69,003	54,387	..
Seoni ...	24,665	21,986	16,563	14,753	8,102	7,233	...	...
Saugor ...	9,058	8,712	5,046	6,005	4,012	2,707	...	...
Wardha ..	4,625	5,598	3,517	6,406	1,108	...	...	898
Total ...	2,20,487	2,43,365	250,782	2,00,397	...	42,968	30,295	...
2nd Class Reserves.								
Nagpur ..	31,010	33,668	15,127	14,191	15,883	19,477	...	...
Bhandara ...	57,244	46,274	13,911	17,000	43,333	29,274	...	...
Wardha ...	22,102	19,378	11,321	6,704	10,781	12,674	...	...
Chanda ..	87,127	93,290	28,378	23,894	58,749	69,396	...	...
Balaghat ..	37,824	38,601	10,597	12,621	27,227	25,980	...	...
Jubbulpore ..	18,189	17,827	6,197	5,828	11,992	11,999	...	...
Saugor ...	64,990	62,076	24,014	23,560	40.976	38,516	...	...
Damoh ..	63,457	61,548	13,723	13,434	49,734	48,114	...	...
Seoni ..	52,697	51,975	17,473	16,034	35,224	35,941	...	...
Mandla ...	87,666	85,624	16,467	15,916	71,199	69,708	...	...
Hoshangabad ...	62,843	55,837	22,681	23,776	40,162	32.061	...	...
Nimar ..	27,408	26,576	11,411	15,938	15,997	10,638	...	...
Betul ..	45,516	44,652	16,266	14,884	29,250	29,768	...	...
Narsinghpur ..	14,757	12,842	3,839	3,530	10,918	9,312	...	...
Chhindwarra ...	33,039	31,577	13,635	12,671	19,404	18,906	...	...
Raipur ...	60,159	67,320	9,182	15,893	50,977	51,427	...	...
Bilaspur ...	24,415	24,959	5,629	4,520	18,786	20,439	...	.
Sambalpur ...	16,273	19,504	5,188	4,642	11,085	14,862	...	...
Total ...	8,0 6,716	7,93,528	2,45,039	2,45,036	5,61,677	5,48,492	...	...
Grand Total ...	10,27,203	10,36,893	4,95,821	4,45,433	5,31,382	5,91,460	...	...

132. In reference to the deficit in the Mandla Division it has to be remembered that most of the forests at present forming this division are practically closed blocks. The division depends for its revenue on the Sal forests of which one only is yet being worked, and in the past year the demand for timber was unusually slack.

133. It is difficult to account accurately for the variations in each district and division, but it is tolerably certain that in the districts of the Nerbudda valley the receipts were kept down by the heavy cold weather rains and the extensive fellings of teak in private forests.

The chief decrease is in the Mandla division and the Bhandara districts. The former is accounted for by the smaller demand for large timber at Jubbulpore, while in Bhandara private forests appear to have been more resorted to for building wood and fuel.

134. The chief increase was in the Chanda division, and was partly due to the outstandings on account of the previous year, and to the somewhat larger sales of timber effected, while in Raipur the rise of Rs. 7,000 was doubtless in a great measure due to closer supervision.

135. On reference to prescribed Form No. 60 it will be seen that there was at the close of the year an outstanding on account of revenue of Rs. 4,558-8-10 against Rs. 33,508-2-0 at the commencement of the year, while there was at the close of the year a liability of Rs. 6,375 on account of revenue paid in advance against Rs. 1,215 at the commencement of the year, thus giving a difference against the year of Rs. 34,109-9-2.

136. The outstandings on account of contractors and disbursers are given in Form No. 61, but they do not affect the financial results of the year.

137. In prescribed Financial Form No. 62 the receipts and charges are shown separately by divisions and districts, the former divided under two, the latter under three main heads. In this statement the Direction charges have also been apportioned. It will be observed that of the total expenditure of Rs. 4,45,433, Rs. 1,45,639 are debitable to the formation, protection and improvement of forests, and that Rs. 2,99,794 are debitable against revenue. Of the last mentioned amount Rs. 2,61,749 are debitable against an income of Rs. 9,01,522 on account of grazing and produce removed by purchasers, while the balance of Rs. 38,045 stands against an income of Rs. 1,35,371 resulting from Departmental operations.

138. In reference to the income from Departmental operations and the charges against that income in 1885-86 it has to be noted that of the receipts a little over Rs. 30,000 were outstandings of the previous year.

139. Considering the circumstances that have operated against the realization of revenue, the financial results of the year are satisfactory. They have proved much better than was expected in January last, after the heavy rains of the cold season.

CHAPTER VI.

General Remarks.

140. The deputation of an Officer to inquire into the management and working of the 2nd Class Reserves has already been referred to in Chapter IV.

One of the chief points dealt with in this Officer's report is the improvement of the Forest revenue system. This matter has resulted in a somewhat voluminous correspondence in which the opinions of different officers are recorded, and the substance of which will shortly be laid before the Chief Commissioner.

141. The report above referred to among other matters deals also with the rates for forest produce and suggests modifications in those at present in force. In this matter also the opinions of all officers concerned have been invited, and the result will in due course be communicated for the information and orders of the Chief Commissioner.

142. The weakness and insufficiency of the Upper Subordinate and Office Establishments referred to in previous reports was severely felt during the past year. In January last revised proposals, drawn up as far as practicable in accordance with the Chief Commissioner's instructions, were submitted, and will it is hoped lead to an increase in the grant for Subordinate Establishments.

143. The Officers of the Department have as a body worked well and are entitled to acknowledgment of the service rendered by them during the past year.

Of the Deputy Conservators the following officers merit special mention :—

Mr. R. Thompson, Deputy Conservator, 1st Grade.
Captain C. W. Losack, Deputy Conservator, 1st Grade.
Mr. W. P. Thomas, Deputy Conservator, 3rd Grade.

Mr. Thompson officiated as Conservator, till the latter part of May 1885. Since then he has submitted a very full report on the working of the 2nd Class Reserves and has done excellent service in the new division to which he has been posted. Captain Losack has fully maintained his reputation as a zealous and energetic officer. In the charge of the Saugor Division Mr. Thomas has distinguished himself by the close and efficient control he has exercised over the working of his division in all its details.

Mr. E. Dobbs, Officiating Deputy Conservator, has also rendered good service in the management of the Seoni division, of which he took charge in June 1885.

144. Of the Assistant Conservators the following officers rendered exceptionally good service :—

Mr. M. S. Fowler.
Mr. H. B. Anthony.

For the greater portion of the year Mr. Fowler held the heavy charge of the Chanda division, the administration of which he conducted to the entire satisfaction of the Conservator. Mr. Anthony has distinguished himself by the

zeal, energy and ability that he brought to bear on the management of the Bhandara division of which he held charge throughout the year.

Mr. A. Watson, Officiating Assistant Conservator, is entitled to credit for the energy and ability displayed by him in the management of the Nagpur division, of which he took charge in April 1885.

145. Of the Sub-Assistant Conservators the following Officers merit special mention :—

Mr. Chunder Kumar Chatterji.
Mr. Mahomed Ghouse.
Mr. Mahadeo Rao.

146. Of the Forest Rangers I would first mention Mahomed Khader Bux, Forest Ranger of the 2nd grade, who is entitled to credit for the unceasing energy he has displayed in the management of the difficult charge of the Punassa range.

The following Forest Rangers have also earned commendation :—

Mahomed Sillamon, Forest Ranger, 3rd grade.
Gunput Rao, Forest Ranger, 5th grade.
Narayen Pershad, Forest Ranger, 6th grade.

J. C. DOVETON,

Conservator of Forests,

Central Provinces.

List of Appendices to the Forest Report for 1885-86.

Form No.	Name of Form.
49	Area of 1st Class Reserved forests.
49A.	Area of 2nd Class Reserved forests.
49B.	Area of Unreserved forests,
50	Prosecutions for breaches of Forest rules.
50 A	Return of offences reported.
51	Area of forest tracts protected from fire.
53	Annual statement of trees felled or girdled by Government agency.
54	Annual statement showing the out-turn of timber and firewood.
55	Annual statement showing the out-turn of Minor Forest produce.
56	Annual Account of timber, &c., in Depots and sold locally.
57	Annual abstract showing the value of timber and produce at sale Depots.
58	Annual summary of the revenue and expenditure of the different Divisions
59	Annual Account current.
60	Annual statement of outstandings on account of Revenue.
61	Annual statement of outstandings and liabilities on account of Contractors and Disbursers.
62	Annual statement of Financial results.
	Appendices.
A.	Statement showing the actual condition of boundaries and boundary marks.
B.	Statement showing Forest produce obtained by Departmental operations.
C.	Statement showing forest produce removed by purchasers
D.	Summary of forest produce removed.
E.	Statement of Forest Buildings.

Annual Form No. 49.—(*Prescribed*).

FOREST DEPARTMENT, CENTRAL PROVINCES.

Area of 1st Class Reserved Forests, 1885-86.

Division or Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1885.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1886.		Number and date of Notification of addition or transfer.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Chattisgarh Division.	Bilaspur district	Hathibari	2,123	3	..	...	2,123	3		
	Raipur District	Kuntranala	3,548	6	...	...	3,548	6		
Mandla Division	Mandla District	Jagmandal	24,503	38	...	...	24,503	38		
	Do.	Chuharigogarh	1,660	3	...	...	1,660	3		
	Do.	Banjar Valley	49,724	78	...	...	49,724	78		
	Do.	North Phen	6,435	10	...	...	6,435	10		
	Do.	South Phen	45,967	72	...	...	45,967	72		
	Do.	Motiuala	1,658	3	...	...	1,658	3		
	Do.	Airi	2,150	3	...	...	2,150	3		
	Do.	Barela	7,153	11	...	...	7,153	11		
	Balaghat District.	Keolikapa	6,296	10	...	...	6,296	10		
	Do.	Topla	45,506	71	...	...	45,506	71		
	Jubbulpore	Bijragogarh	21,188	33	...	...	21,188	33		
	Do.	Lower Gour	5,517	9	...	...	5,517	9		
	Damoh District	Singrampur	6,555	10	...	...	6,555	10		
Hoshangabad Division	Hoshangabad Dist.	Rajaborari	1,61,645	253	...	...	1,61,645	253		
	Do.	Bori	39,680	62	...	...	39,680	62		
	Betul District	Saonligarh	96,921	151	...	..	96,921	151		
Betul Division	Betul District	Bowergarh	75,520	118	...	...	75,520	118		
	Do.	Khamapur	1,08,012	169	...	...	1,08,012	169		
Nimar Division.	Hoshangabad Dist.	Kalibheet	1,66,400	260	...	...	1,66,400	260		
	Nimar District	Punassa	91,720	143	...	...	91,720	143		
	Do.	Chandgarh	61,440	96	...	...	61,440	96		
	Do.	Khandwa	35,840	56	...	...	35,840	56		
	Do.	Undria Baoria	3,100	5	...	...	3,100	5		
	Do.	Bhojwa	720	1	...	...	720	1		
	Do.	Beheria	1,280	2	...	...	1,280	2		
	Do.	Ajnal	1,500	2	...	263	1,237	2	No. 3989, dated 12th October 1885.	Excluded for cultivation and partly to secure a better boundary.
	Do.	Bainpura	600	1	...	..	600	1		
	Do.	Chaoria	170	...	...	...	170	...		
	Do.	Gunjari	3,500	5	...	...	3,500	5		
	Do.	Susarda	853	1	...	...	853	1		
	Do.	Kanapur	7,680	12	...	...	7,680	12		
	Do.	Baidya	6,080	9	...	...	6,080	9		
	Do.	Dehgaon	1,000	2	...	...	1,000	2		
	Do.	Telia	360	1	...	...	360	1		
	Do.	Borari	1,760	3	...	...	1,760	3		
	Do.	Dehri	1,400	2	...	...	1,400	2		
	Do.	Kharda	360	1	...	...	360	1		
	Do.	Andhali	1,280	2	...	...	1,280	2		
	Do.	Singaji	14,880	23	...	...	14,880	23		
	Do.	Dohad	5,120	8	...	...	5,120	8		
	Do.	Purni								

Annual Form No. 49. *(Prescribed).*—Continued.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Area of 1st Class Reserved Forests, 1885-86.

Division or Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1885.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March. 1886.		Number and date of Notification of addition on transfer.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Nimar Division.—*Contd.*	Nimar District ...	Gondwana ...	1,38,400	216	...	...	1,38,400	216		
	Do. ...	Mandwa ...	48,800	76	...	...	48,800	76		
	Do. ...	Amba ...	1,09,440	171	...	...	1,09,440	171		
	Do. ...	Shamardeo ..	70,080	110	...	...	70,080	110		
	Do. ...	Jambapani ...	74,080	116	...	...	74,080	116		
	Do. ...	Ichhadavi ...	15,200	24	...	...	15,200	24		
Chanda Division.	Ahiri Zamindari in Chanda District.	Bimarum ...	12,296	19	...	...	12,296	19		
	Do. ...	Mirkulloo ...	8,479	13	...	...	8,479	13		
	Do. ...	Moharli ...	2,29,612	359	...	...	2,29,612	359		
	Do. ...	Bhandhak ...	43,764	68	...	...	43,764	68		
Seoni Division.	Balaghat and Seoni Districts ...	Sonawani ...	52,520	82	...	...	52,520	82		
	Do. ..	Korai ...	62,770	98	...	...	62,770	98		
	Seoni and Nagpur Districts ...	East Pench ...	1,23,464	193	...	...	1,23,464	193		
	Chhindwara and Nagpur Dist. ...	West Pench ...	60,938	95	...	...	60,938	95		
Saugor Division.	Sauger District ...	Garhakota ...	2,899	5	...	...	2,899	5		
	Do. ...	Tigora ...	459	1	...	...	459	1		
	Do. ...	Rangir ...	11,036	17	...	...	11,036	17		
	Do. ...	Ranipura ...	8,109	13	...	...	8,109	13		
	Do. ...	Hathkho ...	19,492	30	...	...	19,492	30		
Wardha Division.	Wardha District...	Erjhar ...	11,911	19	...	...	11,911	19		
	Do. ...	Dhuga ...	14,171	22	...	...	14,171	22		
	Do. ...	Malaigaon ...	6,590	10	...	...	6,590	10		
		Total ...	22,43,314	3,505	...	263	22,43,051	3,505		

FOREST DEPARTMENT, CENTRAL PROVINCES.

Area of 2nd Class Reserved Forests, 1885-86.

Division or Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1885.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1886.		No. and date of Notification of addition or transfer.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Nagpur Division ...	Nagpur ...	2nd Class reserve..	249,785	390	...	A 4,550	245,235	383	.....	A.—Correction of areas.
Civil Officer ...	Bhandara ...	Do. ...	352,640	551	...	...	352,640	551		
Chanda Division ...	Chanda ...	Do. ...	1,861,635	2,909	...	...	1,861,635	2,909		
Civil Officer ..	Wardha ...	Do. ...	95,362	149	...	...	95,362	149		
Do. ...	Balaghat ...	Do. ...	614,662	960	...	B 100	614,562	960	.....	B and C.—Correction of areas.
Do. ...	Jubbulpore ..	Do ..	210,502	329	C 80	...	210,582	329	.....	
Saugor Division ...	Saugor ...	Do. ...	474,488	742	...	...	474,488	742		
Civil Officer ..	Damoh ..	Do. ...	534,770	836	...	...	534,770	836		
Seoni Division ...	Seoni ...	Do. ...	354,306	554	...	...	354,306	554		
Civil Officer ...	Mandla ...	Do. ...	1,400,212	2,188	...	...	1,400,212	2,188		
Betul Division ..	Betul ..	Do. ..	545,482	852	...	...	545,482	852		
Civil Officer ..	Chhindwara ...	Do. ..	410,412	641	...	...	410,412	641		
Hoshangabad Division ...	Hoshangabad ..	Do. ...	758,184	1,185	...	...	758,184	1,185		
Civil Officer ...	Narsinghpur ...	Do. ...	123,712	193	...	...	123,712	193		
Nimar Division ...	Nimar ...	Do. ...	457,843	715	584	...	458,427	716	Chief Comr.'s letter No. 4621, dated 26th Nov. 1885.	The Chandni land which reverted to Government.
Civil Officer ...	Raipur ...	Do. ..	881,280	1,377	...	...	881,280	1,377		
Do. ..	Sambalpur ...	Do. ...	457,600	715	...	...	457,600	715		
Do. ...	Bilaspur ...	Do. ...	415,360	649	...	...	415,360	649		
		Total ..	10,198,235	15,935	664	4,650	10,194,249	15,929		

Annual Form No. 49 B.—(*Prescribed*).

FOREST DEPARTMENT—CENTRAL PROVINCES.

Area of Unreserved Forests, 1885-86.

Division or Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1885.		Added during the year.	Excluded or transferred to other heads.	Area on 1st March 1886.		No. and date of Notification of addition or transfer.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
Seoni Division ...	Seoni District ...	Unreserved Forests	125,587	196	...	...	125,587	196		
Nagpur do. ...	Nagpur do. ...	Do. ...	5,000	8	...	483	4,517	7	.....	Correction of areas.
Civil Officer ...	Damoh do. ...	Do. ...	14,413	22	45	...	14,458	23	.....	Do.
Do. ...	Balaghat do. ...	Do. ..	47,081	74	A 200	...	47,281	74	Chief Comr.'s letter No. 1357-65, dated 10th April 1885.	A 100 acres. Clearance lease of Lagma reverted to Government and 100 acres correction of areas.
Do. ...	Chhindwara District ..	Do. ...	5,906	9	...	...	5,906	9		
Chanda Division ...	Ahiri Zamindari in Chanda District.	New Ahiri Unreserved Forests.	60,591	95	...	...	60,591	95		
Do. ...	Chanda District ...	Mouljhari and Phuljhari.	232				232			
			253,819	404	245	483	258,572	404		

Annual Form No. 50—(*Prescribed.*)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Prosecutions for breaches of Forest Rules during 1885-86.

Forest Division and Civil District.	Cases pending from 1884-85.	New cases of the year.					Disposed of during the year.						Cases pending at close of year.	
		Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	Total cases.	Convictions.		Acquittals.		Total.		
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1st Class Reserves.														
Mandla Division ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hoshangabad Do. ...	...	1	1	...	...	2	2	1	12	1	6	2	18	...
Betul Do. ...	...	3	...	...	1	4	4	4	5	...	...	4	5	...
Nimar Do. ...	...	...	3	...	...	3	3	3	9	...	...	3	9	...
Chanda Do. ...	...	...	1	...	...	1	1	1	7	...	...	1	7	...
Seoni Do. ...	...	1	...	1	...	2	2	2	3	...	...	2	3	...
Saugor Do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	5	5	1	1	12	12	11	36	1	6	12	42	...
2nd Class Reserves.														
Nagpur ...	...	...	2	...	...	2	2	2	6	...	...	2	6	...
Bhandara ...	...	1	11	10	2	24	24	15	52	8	53	23	105	1
Chanda ...	...	...	9	2	...	11	11	9	41	2	10	11	51	...
Wardha ...	...	...	2	3	...	5	5	3	5	2	4	5	9	...
Balaghat ...	...	...	5	...	...	5	5	5	15	...	3	5	18	...
Jubbulpore ...	...	3	28	45	...	76	76	65	279	11	66	76	345	...
Saugor ...	...	1	3	2	...	6	6	4	10	2	5	6	15	...
Damoh ...	...	1	9	1	...	11	11	10	32	1	4	11	36	...
Mandla ...	...	...	36	...	...	36	36	34	37	2	13	36	50	...
Seoni ...	...	...	44	1	1	46	46	38	93	8	18	46	111	...
Betul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhindwara ...	...	...	10	26	...	36	36	36	194	...	27	36	221	...
Narsinghpur ...	2	...	2	...	...	2	4	1	1	3	3	4	4	...
Hoshangabad ...	...	...	19	...	9	28	28	22	41	6	11	28	52	...
Nimar ...	...	...	3	...	...	3	3	3	5	...	...	3	5	...
Raipur ...	...	1	42	11	34	88	88	69	320	19	31	88	351	...
Sambalpur ...	...	1	...	...	...	1	1	...	...	1	1	1	1	...
Bilaspur ...	...	...	3	...	2	5	5	1	1	3	10	4	11	1
Total ...	2	8	228	101	48	385	387	317	1,132	68	259	385	1,391	2
Grand Total	2	13	233	102	49	397	399	328	1,168	69	265	397	1,433	2

Form No. 50 A.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Return of Forest Offences reported with detail of disposals for the year 1885-86.

	Cases pending at commencement of the year.	Reported.					Total cases for disposal.	Disposals.											
		Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Prosecuted.		Compounded.		Dismissed as being without grounds not proved or too trivial.		Cases in which offenders were not detected.	Cases pending at close of the year.		Total.	
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		Cases.	Persons.	Cases.	Persons.
ass Reserves.																		
sgarh Dn.	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
gabad „	...	..	6	4	..	10	10	...	...	7	19	2	6	...	1	1	10	26
„	...	1	11	5	..	17	17	2	18	15	62	...	...	...	...	...	17	80
„	...	3	3	5	1	12	12	4	5	8	20	...	...	..	...	...	12	25
„	...	2	103	50	4	159	159	3	9	141	279	13	46	2	...	...	159	334
„	..	..	44	57	..	101	101	1	7	78	140	...	...	..	22	40	101	187
„	...	1	18	28	..	47	47	2	3	45	90	...	...	..	...	...	47	93
„	9	..	21	99	...	120	129	...	...	125	308	...	...	...	4	8	129	316
Total ...	9	7	206	248	5	466	475	12	42	419	918	15	52	2	27	49	475	1,061
ss Reserves.																		
...	23	...	184	92	..	276	299	2	6	273	1,406	3	12	..	21	101	299	1,525
ra ...	...	1	95	35	14	145	145	24	112	98	376	23	62	...	...	...	145	550
...	258	...	353	678	...	1,031	1,289	11	51	993	3,694	48	60	...	237	539	1,289	4,344
a ...	...	...	12	37	...	49	49	5	9	35	109	...	...	..	9	72	49	190
at ..	...	..	63	...	...	65	65	5	18	60	173	...	...	..	...	...	65	191
pore ...	...	3	28	75	..	106	106	76	345	30	169	...	7	...	...	...	106	521
...	128	1	554	478	...	1,033	1,161	6	15	977	2,671	61	58	...	117	300	1,161	3,044
..	...	1	89	85	...	175	175	11	36	164	458	...	...	...	...	..	175	494
...	...	...	42	450	11	503	503	36	50	467	467	...	...	...	...	...	503	517
...	..	...	188	159	1	348	348	46	111	302	1,359	...	...	...	...	...	348	1,470
...	...	.	149	13	..	162	162	...	...	162	445	...	...	...	...	...	162	445
ra ..	..	3	508	1,823	..	2,334	2,334	36	221	2,295	2,295	...	...	3	...	...	2,334	2,516
ad ..	3	.	110	9	9	128	128	28	52	81	199	19	39	...	...	..	128	290
ur ...	2	...	36	30	..	66	68	4	4	50	177	14	30	..	...	...	66	211
..	...	...	43	32	3	78	78	3	5	73	189	2	2	...	...	...	78	196
...	73	1	216	142	230	589	662	88	351	475	1,548	71	164	...	28	98	662	2,161
...	...	6	1,702	60	...	1,768	1,768	1	1	1,467	1,499	81	81	219	...	...	1,768	1,581
..	...	...	26	8	2	36	36	5	12	23	66	8	8	..	...	...	36	86
otal ...	484	16	4,400	4,206	270	8,892	9,376	387	1,399	8,025	17,300	330	523	222	412	1,110	9,376	20,332
otal ...	493	23	4,606	4,454	275	9,358	9,851	399	1441	8,444	18,218	345	575	224	439	1,159	9,851	21,393

Form No. 51

FOREST DEPARTMENT, CENTRAL PROVINCES

Area of Forest Tracts protected from Fire during the dry season 1886, to accompany report for 1885-86.

Division	Forest tracts.	Year in which protection commenced	Area actually protected up to 15th June 1885	During dry season of 1886			Cost during the season.			Remarks.
				Area attempted to be protected.	Failures.	Actually protected.				
	1st CLASS RESERVES		Acres.	Acres.	Acres.	Acres.	Rs.	a	p	
Chhattisgarh Division ..	Hathibari ..	June 1870 ..	2,123	2,123	...	2,123	69	12	0	
	Kuntranala	„ 1876 ...	3,548	3,548	...	3,548	75	6	0	
Mandla Division ..	Banjar Valley Forests	1876 ..	49,698	49,724	...	49,724	849	4	3	
	Motinala	1875 ..	1,658	1,658	...	1,658	62	11	0	
	Jugmandal	1867 ..	24,503	24,503	...	24,503	632	6	11	
	Choharigogarh	1872 ..	1,660	1,660	...	1,660	87	8	2	
	Barela	1878 ...	7,153	7,153	...	7,153	197	2	10	
	Airi	1867 ..	2,150	2,150	..	2,150	54	10	2	
	Singrampur	1871 ...	6,552	6,555	602	5,953	171	0	0	
	Bijragogarh	1871 ..	21,188	21,188	...	21,188	555	15	2	
	Lower Gour	1882 ..	5,517	5,517	...	5,517	276	10	5	
Hoshangabad Division ...	Rajaborari .. Machak ...	June 1875 ...	10,240	10,240	...	10,240	1,842	2	1	
	Gunjal ...	„ 1875 ...	54,080	54,080	...	54,080				
	Ajnal ...	„ 1875 ...	38,400	38,400	...	38,400				
Do do.	Saonlagarh ... Dekhna ..	„ 1875 ...	49,920	49,920	..	49,920	1,212	12	11	
	Tokra ..	„ 1875 ...	28,092	28,160	60	28,100				
Do. do. ...	Bori ... Bori ...	„ 1864 ...	23,680	23,680	.	23,680	785	4	9	
	Dhain ...	„ 1879 ..	16,000	16,000	...	16,000				
Nimar Division ...	Kalibheet	1874 ..	62,068	62,080	49	62,031	329	4	11	
	Punassa Block No. I.... ...	1875 ...	7 419	7,680	...	7,680				
	Do. do. II.... ...	1875	9,720	9,720	...	9,720				
	Do. do. III. . ..	1875 .	4.713	6,680	480	6,200				
	Do. do. IV.... ...	1875 ...	9,840	9,840	800	9,040				

Form No. 51.—(Contd.)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Division	Forest tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1885	During dry season of 1886.			Cost during the season.	Remarks.
				Area attempted to be protected	Failures.	Actually protected		
	1st CLASS RESERVES.—*Contd.*		Acres.	Acres.	Acres	Acres.	Rs. a. p.	
	Punassa, Block No. V. ...	1875 ...	254	9,600	...	9,600		
	Do. „ No. VI. ..	1877 ...	8,653	10,880	...	1,880		
	Do. „ No. VII. ...	1879 ...	9,180	9,180	...	9,180		
	Do. „ No. VIII. ...	1880 ..	7,241	8,500	4,192	4,308	845 13 9	
	Do. „ No. IX. ...	1881 ...	8,538	8,960	5,700	3,260		
	Do, „ No. X. ...	1882 ..	7,522	10,880	1,240	9,640		
	Chandgarh	1878 ...	58,512	61,440	30,537	30,903	637 3 11	
	Khandwa	1878 ...	35,840	35,840	920	34,920	649 10 7	
	Bainpura	1879 ..	600	600	...	600	28 12 10	
	Gunjari	1879 ...	3,500	3,500	...	3,500	55 9 0	
	Undria Baoria	1879 ..	3,100	3,100	264	2,836	42 1 3	
	Bhojwa Beheria	1879 ...	2,000	2,000	. .	2,000	54 2 4	
	Ajual	1879 ...	1,500	1,500	...	1,500	28 12 10	
	Chaoria	1880 ...	170	170	...	170	.....	
Betul Division ...	Bowergarh	1875 ...	38,720	38,720	...	38,720	822 2 8	
	Khamapur	1875 ..	16,000	16,000	12	15,988	344 9 5	
Chanda Division ...	Bimarum Whole ...	June 1873 ..	12,296	12,296	.	12,296	916 6 10	
	Mirkalloo „ ...	„ 1875 ..	8,479	8,479	...	8,479	1,079 10 1	
	Taroba block „ ...	„ 1873 ..	25,619	25,619	...	25,619	1,017 2 11	
	Goverdhun „ ...	„ 1874 ..	13,931	13 931	...	13,931	556 15 4	
	Pipalkota Part ..	„ 1882 ..	1,280	1,280	...	1,280	15 9 3	
Seoni Division ...	Korai Range Korai block .	1869 ...	31,210	31,210	...	31,210	539 12 10	
	Do Sakata .	1880 .	10,020	10,020	..	10,020	180 3 2	
	East Pench Part only ..	1875 ..	42,580	42,580	...	42,580	697 9 5	

	West do.	Nagalwari block	...	June	1878	9,680	9,680	5	9,675	130	12	6
	Do. do.	Paraspani „	...	„	1879	8,240	8,240	...	8,240	98	13	4
	Do. do.	Narhar „	...	„	1881	39,040	39,040	...	39,040	493	0	7
Saugor Division ...	Garhakota.	Whole	...	„	1875	2,899	2,899	...	2,899	12	0	0
	Hathkho,	Part only	...	„	„	10,598	10,598	...	10,598	281	2	4
	Rangir,	„	...	„	„	1,987	1,987	...	1,987	40	7	11
	Ranipura,	„	...	„	1879	2,720	2,720	...	2,720	78	4	8
	Tigora,	„	...	„	„	459	459	...	459	....	.	
Wardha Division ...	Dhuga,	Whole	...	„	1880	14,171	14,171	70	14,101	382	1	5
	Erjhur,	„	...	„	„	11,411	11,911	95	11,816	180	6	9
	Total 1st Class Reserves		..	.....		8,87,872	9,10,249	45,026	8,65,223	17,411	5	6
	*2ND CLASS RESERVES.											
Saugor Division ...	Jalundhar	Whole	...	„	1880	2,672	2,885	...	2,885	21	5	4
Balaghat do. ...	Ptndratola	„	...	„	1872	4,817	4,817	56	4,761	88	12	4
	Total 2nd Class Reserves		...	.....		7,489	7,702	56	7,646	110	1	8
	Grand Total		...	.....		8,95,361	9,17,951	45,082	8,72,869	17,521	7	2

Form No. 53.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Trees felled by Government Agency during the year 1885-86.

(Selection fellings.)

Division.	Trees felled or girdled.		Remarks.
	Description.	Number.	
Mandla Division	Sal trees ...	182	
	Total ...	182	

Form No. 54.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outturn of Timb er and Firewood during the year 1885-86.

Division.	Description of material.	Outturn— Selection fellings.	Clearances.	Thinnings.	Total.	Removed by: Government agency.	Purchasers.	Free grants.	Right holders.	Remarks.
Direction ...	Teak poles and pieces No. ...	...	...	1	...	...	1			
	Poles and pieces other than teak and sal ...	...	...	4	...	...	4			
	Firewood ... Mds. ...	....	...	608	...	608	...			
	Do. cart loads	...	...	...	...	1	...			
	Do. pieces	...	...	...	...	...	4			
	Bambus	...	...	14,981	...	...	14,981			
	Total ...	...	...	15,594	...	609	14,990			
						No. cft.				
Mandla Division (1st Class Forests.) ...	Sal logs	182	...	...	182	25 1,212	...			
	Sal sleepers	...	...	..	...	2,936 10,186	...			
	Sal scantlings	...	..	...	...	1,500 5,073	...			
	Sal fardas	...	...	...	...	388 ...	...			
	Teak pieces and poles	...	...	2,039	2,039	2,039 ...	...			
	Sal pieces and poles	...	...	...	...	104 ...	3			
	Poles and pieces other than teak and sal ...	...	127	...	127	127 ...	329			
	Boats	...	...	...	...	6 ...	...			
	Firewood pieces	...	...	...	...	... ...	4			
	Do. cart loads ...	...	...	...	...	... ...	27			
	Do. kawar loads ...	...	...	...	...	... ...	73			
	Do. head loads ...	...	...	...	...	... ...	52			
	Do. bundles... ...	...	...	...	...	... ..	281			
	Bambus ... No. ...	...	...	...	...	1,10,727 ...	27,163			
	Do. kawar loads ...	...	...	...	...	... ...	108			
	Do. bundles ...	...	...	...	...	... ...	273			
	Total ...	182	127	2,039	2,348	1,17,852 16,471	28,313			

Form No. 54.—Continued.

Division.	Description of materials.	Outturn— Selection fellings.	Clearances.	Thinnings.	Total,	Removed by Government agency.	Purchasers.	Free grants.	Right holders.	Remarks.
Betul 1st Class Forests.	Trees other than teak and sal ...	...	...	...	...	...	1			
	Logs other than teak and sal, cart loads ...	...	...	...	..	...	5			
	Teak poles and pieces No. ...	...	...	....		...	40			
	Do. cart loads ...	...	...	...	...	...	236			
	Do. joti loads ...	...	...	..	...	...	1,496			
	Do. head loads ..	...	...	...	...	...	45			
	Do jawaias loads ..	...	.	..	...	...	1,510			
	Do. Cft. ..	...	...	...	...	...	25			
	Poles and pieces other than teak and sal, No. ...	...	...	...	...	..	85			
	Do. cart loads ...	...	...	...	...	...	173			
	Do. joti loads ...	...	...	...	...	...	556			
	Do. head loads ...	...	...	...	...	...	105			
	Building wood cart loads ...	..	...	...	..	...	29			
	Do. joti loads ...	...	...	...	...	...	1			
	Do. head loads ...	...	...	...	...	..	1,358			
	Firewood, head loads ...	...	...	...	...	...	42,587			
	Bambus No. ...	...	...	...	...	...	39,892			
	Total ...	...	...	...	...	...	88,144			
Betul District Forests ...	Trees other than teak and sal No. ...	.	...	...	...	...	9			
	Teak poles and pieces „ ..	...	...	...	...	...	1,306			
	Do. cart loads ...	...	...	...	...	...	3			
	Logs other than teak and sal No. ...	...	...	...	...	...	4			
	Poles and pieces other than teak and sal „ ..	...	...	...	...	..	47			
	Do. joti loads ...	...	...	..	...	..	6			
	Do. karas load ...	...	...	...	...	...	30			

Betul District Forests.—Continued	Building wood	No.	...	...	...	...	...	24
	Do. cart loads		...	...	...	...	...	1,074
	Do. joti loads		...	...	...	...	...	118
	Do. head loads		...	...	...	...	...	13,039
	Do. bullock loads		...	.	...	...	...	6
	Do. karia loads		...	...	...	..	...	7
	Do. karas loads		..	...		...	...	422
	Firewood, pieces		...	...	...	...	...	8
	Do. cart loads		...	...	...	...	...	2,759
	Do. joti loads		...	...	...	...	...	4
	Do. head loads		..	...	...	...	...	1,123
	Do. bull loads		...	...	...	..	...	292
	Do karia loads		...	...	. .	...	...	16
	Do. karas loads		...	...	...	...	..	278
	Charcoal, cart loads ...		...	...	..	...	...	1
	Do. head loads ...		..	...	...	.	...	641
	Do. bull loads		...	..	...	...	...	48
	Bambus	No.	...	...	...	...	...	4,89,690
	Do. joti loads ...		...	...	...	...	...	77
	Total		...	.	...		...	5,11,027
	Grand Total		...	...		...	...	5,99,171
Hoshangabad 1st Class Forests.	Teak logs ...	No.	..	...		...	...	386
	Logs other than teak and sal		...	...	...	.	...	...
	Planks other than teak and sal		...	...	.	...	...	6
	Teak poles and pieces .		...	...	...	...	...	5
	Do. ...	Cft.	...	...	...	..	...	6,537
	Poles and pieces other than teak and sal		...	...	.	...	...	...
	Do. 2-bull cart loads		...	...	...	...	...	7,924
	Do. head loads		...	...	...	...	...	15
	Do. joti loads		..	...	...	...	...	8
	Do, 4-bull cart loads		...	...	..	...	...	...
	Building wood, 2-bull cart loads		...	...	...	...	...	...
	Firewood pieces ..		...	...	...	...	...	...
	Do. 2-bull cart loads		...	...	...	...	...	30
	Do. head loads		...	...	..	...	...	249
	Do. 4-bull cart loads		..	...	...	...	...	...
	Do. bullock loads		...	...	...	...	...	...
			..	...	...	...	...	...

								132
								96
								3,844
								1,235
								522
								8
								3
								55
								...
								1,232
								703
								40
								5

Form No. 54.—Continued.

Division.	Description of materials.	Out-turn.—								Remarks.
		Selection fellings.	Clearances.	Thinnings.	Total	Removed by Government agency	Purchasers.	Free grants.	Rightholders.	
Hoshangabad 1st Class Forests—Continued..	Charcoal 2 bull cart loads ...	...	...	..	...	...	2			
	Do. head loads ...	...	...	...	...	..	55			
	Bambus No. ...	...	...	...	...	154	3,18,625			
	Do. head loads ...	...	...	...	...	...	1,276			
	Do. bangy loads ...	...	...	...	...	...	108			
	Bambu materials ...	...	...	...	...	...	...			
	2 Bullock cart loads ...	...	...	...	...	...	2			
	Do. head loads ...	...	...	...	...	...	2,867			
	Do. bangy loads ...	...	...	...	...	...	437			
	Total ...	...	...	...	...	15,308	331,253		...	...
Hoshangabad District Forests ..	Trees other than teak and sal ...	...	...	...	...	...	1			
	Teak pieces and poles ...	...	...	...	...	...	18,372			
	Do. 2 bull cart loads ...	...	...	...	...	...	166			
	Do head loads ...	..	...	...	...	...	3,894			
	Do. joti loads ...	...	...	...	...	...	30			
	Do Cft. ...	...	...	...	...	...	16			
	Poles other than teak and sal ...	...	...	...	...	...	671			
	Building wood No. ...	...	...	...	...	...	482			
	Do. 2 bull cart loads ...	...	...	...	...	...	5,980			
	Do. head loads ...	...	...	...	...	...	20,244			
	Do. joti loads ...	...	...	...	...	...	188			
	Do 4 bull cart loads ...	...	...	...	...	...	110			
	Do. buffalo loads ...	...	...	...	...	...	11			
	Firewood 2 bull cart loads ...	...	...	...	...	...	26,636			
	Do. head loads ...	...	...	...	...	...	33,227			

	Do. 4 bull cart loads	...	...	...	...	...	...	283			
	Do. donkey load	...	...	...	...	...	...	1,429			
	Charcoal 2 bull cart loads	...	...	...	...	...	...	135			
	Do. head loads	...	...	...	...	...	...	2,896			
	Do. joti load	...	...	...	..	...	...	1			
	Do. bangy loads	...	...	...	...	...	...	2			
	Bambus	No.	...	...	...	...	...	8,80,866			
	Bambu materials 2 bull cart load		...	...	...	...	...	470			
	Do. head loads		...	...	...	...	...	7,752			
	Bambus bangy load		...	...	...	...	...	1			
	Total		...	...	...	...	...	1,003,867	...	...	...
	Grand Total		...	...	...	...	15,308	1,335,120	...	...	...
Nimar 1st Class Forests..	Teak trees	No.	..	...	...	...	...	5			
	Do. 2 bull cart loads		...	...	...	...	...	19			
	Do. joti loads		...	...	...	...	...	89			
	Trees other than teak and sal		..	...	...	...	...	14			
	Logs other than teak and sal	No.	...	...	...	...	...	81			
	Do. 2 bullock cart loads		...	...	...	...	...	6			
	Teak pieces and poles		...	...	...	..	361	2,231			
	Do. 2 bullock cart loads		...	...	...	...	...	294			
	Do. joti loads		...	...	...	...	...	217			
	Poles and pieces other than teak and sal	No.	...	...	...	...	...	3,210			
	Do. 2 bullock cart loads		...	...	...	...	...	1,109			
	Do. head loads		..	...	...	...	...	1,256			
	Do. joti loads		..	...	...	...	...	14			
	Do. bullock loads		...	...	...	...	...	10			
	Do. jawaras loads		...	..	...	...	...	15			
	Building wood 2 bull cart loads		...	...	...	...	...	51			
	Do. head loads		..	...	...	...	...	1,188			
	Do. bull loads		...	...	...	...	...	96			
	Firewood heap		...	...	...	...	...	1			
	Do. pieces		...	...	...	...	...	2			
	Do. 2 bull cart loads		...	...	...	...	...	4,617			
	Do. head loads		...	...	...	...	...	502			
	Do. 4 bull cart loads		...	..	...	...	...	6			
	Do. bull loads		...	...	...	...	...	92			
	Charcoal head loads		...	...	...	...	..	248			

Form No. 54.—Continued.

Division.	Description of materials.		Outturn—								Remarks.
			Selection fellings.	Clearances.	Thinnings.	Total.	Removed by Government agency.	Purchasers.	Free grants.	Right holders.	
Nimar 1st Class Forests —Continued.	Charcoal bullock loads	... ...	...	..	...	...	...	16			
	Do. donkey loads	... ...	...	...	...	...	...	12			
	Bambus	... No.	...	...	..	...	...	522,700			
	Do. 2-bullock cart loads	... ...	...	...	...	...	...	284			
	Do. bull loads	... ...	...	...	...	...	...	26			
	Do. donkey loads	... ...	...	...	.	...	...	44			
	Bambu branches head loads	... ...	...	...	...	...	...	207			
	Do. material head loads	... ...	...	...	...	...	...	188			
	Total	..	...	...	...	...	361	538,850			
Nimar District Forests..	Trees other than teak and sal	... ...	...	...	...	...	...	3			
	Teak pieces and poles	... No.	...	...	...	...	...	374			
	Poles and pieces other than teak and sal	...	...	...	...	...	...	29			
	Do. cart loads	... ...	...	...	...	...	...	1,192			
	Do. head loads	... ...	...	...	...	...	...	606			
	Do. bull loads	... ...	...	...	...	...	...	149			
	Do. poney loads	...	...	..	...	...	...	146			
	Do. donkey load	... ...	...	...	...	...	...	1			
	Building wood cart loads	... ..	...	...	...	...	...	508			
	Do. head loads	... ...	...	...	...	...	...	68			
	Do. bull loads	... ...	. .	...	...	...	...	46			
	Firewood cart loads	... ...	...	...	...	...	...	7,505			
	Do. head loads	... ...	...	...	...	...	...	325			
	Do. bull loads	... ..	...	...	...	...	...	1,931			
	Do. poney loads	... . .	...	...	...	...	...	624			
	Do. donkey loads	... ...	...	...	...	...	...	3			
	Charcoal head loads	... ...	...	...	...	...	...	370			

	Charcoal bullock load	...	...	...	..	...	...	...		1		
	Do. donkey loads	...	...	...	...	...	...	...		246		
	Bambus	...	No.	...	...	...	...	...		3,617		
	Do. bull loads	...	...	...	...	...	...	...		42		
	Do. donkey loads	...	...	...	...	...	...	...		13		
	Bambu materials cart loads	...	...	...	...	...	...	...		2		
	Do. head loads	...	...	...	...	...	...	...		8		
		Total	...	...	...	...	...	...		17,809		
		Grand Total	...	...	...	...	...		361	556,659		
Chanda 1st Class Forests.	Logs other than teak and sal	...	...	...	...	...	...	29	129	224		
	Teak sleepers	...	...	...	...	...	...	706	1,042			
	Sleepers other than teak and sal	...	...	...	...	...	...	35	...			
	Planks ditto ditto	...	...	...	...	...	...	...	778			
	Scantlings ditto ditto	...	...	...	...	...	...	5,095	16,574			
	Teak poles and pieces	...	...	...	...	...	...	510	...			
	Poles and pieces other than teak and sal	...	...	...	...	...	...	2,332	...	49,655		
	Dongas	...	...	...	...	...	...	...	...	7		
	Firewood cart loads	...	...	...	...	...	...	...	...	3,640		
	Do. head loads	...	...	...	...	...	...	...	...	1,835		
	Do. kawar load	...	..	...	...	...	...			1		
	Charcoal cart loads	...	...	...	...	...	...			12		
	Do. head loads	...	...	...	..	...	...			2,651		
	Bambus	...	No.	...	...	...	...	5,100	...	462,449		
	Do. cart loads	...	...	...	...	...	...			34		
	Do. head loads	...	...	...	...	...	...			2		
	Poles and pieces other than teak and sal head loads	...	...	...	...	...	...			154		
	Poles and pieces other than teak and sal cart loads	...	...	...	...	...	...			9		
	Bambu materials ...	...	No.	...	...	...	...			966,234		
	Do. cart loads	...	...	...	...	...	...			159		
	Do. head loads	...	...	..	...	...	...			5		
		Total	...	...	...	...	...	13,807	18,523	1,487,071		
Chanda District Forests.	Teak logs	...	...	...	...	...	...	2,187	23,854	...		
		Grand Total	...	...	...	...	...	15,994	42,377	1,487071		

Form No. 54—Continued.

Division.	Description of materials.	Out-turn.—								Remarks.
		Selection fellings.	Clearances.	Thinnings.	Total.	Removed by Government agency.	Purchasers.	Free grants.	Right holders.	
Seoni 1st Class Forests..	Trees other than teak and sal ... No.	...	...	...	...	...	1			
	Logs other than teak and sal ... No.	...	...	...	...	..	1			
	Building wood ... No.	...	...	...	...	...	3,938			
	Teak poles and pieces ... No.	...	...	...	...	...	1			
	Poles and pieces other than teak and sal... No.	...	...	...	...	19 ...	5,610			
	Firewood cart load	...	...	...	...	...	9,329			
	Do. head loads	...	...	...	...	...	4,556			
	Do. kawar load	...	...	...	...	..	28			
	Bamboos ... ... No.	...	...	...	...	2,8865 ...	8,12,187			
	Do. cart loads	...	...	...	...	...	393			
	Do. head loads	...	...	...	...	...	2			
	Total ...	...	...	...	...	28,884 ...	8,36,046			
Seoni District Forests...	Trees other than teak and sal ... No.	...	...	...	...	...	76			
	Logs other than teak and sal ... No.	...	...	...	...	...	55			
	Building wood ... ... No.	...	...	...	...	...	13,071			
	Do. cart loads	...	...	...	...	...	1,511			
	Do. head loads	...	...	...	...	...	3,867			
	Teak poles and pieces ... ... No.	...	...	...	...	...	738			
	Poles and pieces other than teak and sal... No.	...	...	...	...	...	12,509			
	Do. cart loads	...	...	...	...	...	533			
	Do. head loads	...	...	...	...	...	3,788			
	Do. kawar load	...	...	...	...	...	1			

	Firewood pieces	...	...	...	...	...	...	...	...	164		
	Do. cart loads	...	...	...	...	...	...	...	...	9,163		
	Do. head loads	...	...	...	...	...	...	...	...	66,760		
	Do. kawar load	...	...	...	...	...	...	...	...	2		
	Charcoal cart loads	...	...	...	...	...	...	...	...	157		
	Do. head loads	...	...	...	...	...	...	...	...	6,894		
	Bamboos	...	... No.	...	...	...	...	...	...	4,01,292		
	Do. cart loads	...	...	...	...	...	...	...	...	4		
	Do. head loads	...	...	...	...	...	...	...	...	5,563		
		Total	...	...	...	...	...	...	...	5,26,148		
		Grand Total	...	...	...	...	...	28,884	...	13,62,194	...	...
Saugor 1st Class Forests.	Teak trees	...	... No	...	...	...	...	...	...	15		
	Trees other than teak and sal		...	...	...	...	...	...	1	5		
	Teak logs	...	...	...	...	...	...	...	2	...		
	Logs other than teak and sal		...	...	...	...	...	...	...	1		
	Building wood cart loads	...	...	...	...	...	...	...	...	2		
	Teak poles	...	...	...	...	...	...	...	...	2		
	Do. Cart loads	...	...	...	...	...	...	2,574	...	468		
	Poles and pieces other than teak and sal		...	...	...	...	...	...	...	5		
	Do. cart loads	...	...	...	...	...	...	...	...	3,938		
	Firewood cart loads	...	...	...	...	...	...	...	...	2		
	Firewood head loads	...	...	...	...	...	...	...	...	931		
	Do. donkey loads	...	...	...	...	...	...	...	...	1,372		
	Do. buffalo loads	...	...	...	...	...	...	...	...	46		
	Do. poney loads	...	...	...	...	...	...	...	...	339		
	Do. basket loads	...	...	...	...	...	...	...	...	83		
	Do. oxen loads	...	...	...	...	...	...	...	...	583		
	Charcoal cart loads	...	...	...	...	...	...	...	...	34		
	Do. head loads	...	...	...	...	...	...	...	...	2		
	Do. buffalo loads	...	...	...	...	...	...	...	...	447		
	Bambus	...	...	...	...	...	...	...	...	66		
	Do head loads	...	...	...	...	...	...	...	...	10,864		
		Total	...	...	...	...	...	...	2,577	19,208		

Division.	Description of materials.	Out-turn.—								Remarks.
		Selection fellings.	Clearances.	Thinnings.	Total.	Removed by				
						Government agency.	Purchasers.	Free grants.	Right holders.	
Saugor District Forests.	Teak trees ... No.	...	...	...	..	...	128			
	Trees other than teak and sal ...	...	...	...	...	...	378			
	Building wood	...	...	...	...	...	160			
	Do. cart loads	...	...	...	...	...	1,497			
	Do, head loads	...	...	...	...	...	22,719			
	Do. buffalo loads	...	...	...	...	...	522			
	Do. yoke loads	...	...	...	...	...	7			
	Teak poles and pieces ... ... No	...	...	...	...	...	5,089			
	Do. head loads	...	...	...	...	...	15			
	Poles and pieces other than teak and sal ...	...	...	..	...	...	4,068			
	Do cart load	...	...	...	...	...	1			
	Do. head loads	...	...	...	...	...	2			
	Firewood pieces	..	...	...	...	...	16			
	Do. cart loads	...	..	...	..	...	29,889			
	Do head loads	...	...	...	...	...	61,801			
	Do. buffalo loads	...	...	...	...	...	5,222			
	Do. banghy loads	...	...	...	...	...	7			
	Do. yoke loads	...	...	...	...	...	2			
	Charcoal cart loads	...	...	...	...	...	97			
	Do. head loads	...	...	...	...	...	5,855			
	Do. buffalo loads	...	...	...	...	...	530			
	Do. basket loads	...	..	...	...	...	3			
	Bambus ... ... No.	...	...	...	...	...	2,54,757			
	Do. cart loads	...	...	...	...	...	2			
	Do. head loads	...	...	...	...	...	2			
	Total ...	...	...	...	...	...	3,92,769			
	Grand Total ...	...	..	...	...	2,577	4,11,977			

Wardha 1st Class Forests	Mohwa tree	..	...	...	...	...	1	...			
	Teak logs	...	...	...	...	...	2	...			
	Logs other than teak and sal	...	...	...	...	...	4	...			
	Teak poles and pieces ...	...	...	...	...	...	1,877	...			
	Firewood maunds ...	...	...	...	...	...	3,904	..			
	Do. cart loads ...	...	...	...	..	...	131	334			
	Do. head loads ...	...	...	...	...	...	1	1,607			
	Do. kawar loads ...	...	...	...	...	...	...	419			
	Do. khodang loads ...	...	...	...	..	...	...	3,063			
	Charcoal head loads ...	...	...	...	...	...	3	„			
	Bambus ...	...	...	...	...	...	80	„			
	Total	...	...	...	...	...	6,003	5,423			
Wardha District Forests	Teak logs	..	...	...	...	...	...	10			
	Teak poles and pieces	...	...	...	...	...	1,918	„			
	Poles and pieces other than teak and sal	...	...	...	...	...	11,424	„			
	Do, cart loads	...	...	...	...	...	..	470			
	Do. head loads	...	...	...	...	...	26	151			
	Firewood cart loads	...	...	...	...	...	68	1,143			
	Do. head loads	..	...	..	...	...	2	1,624			
	Do. kawar loads	...	...	...	...	...	...	507			
	Do. khodang loads	..	...	..	...	...	...	26,097			
	Total	...	...	...	...	..	13,438	30,002			
	Grand Total	...	...	..	...	...	19,441	35,425			

Form No. 54.—Continued.

Division.	Description of materials.	Out-turn—								
						Removed by				
		Selection fellings.	Clearances.	Thinnings.	Total.	Government agency.	Purchasers.	Free grants.	Right holders	Remarks.
Nagpur District Forests	Trees other than teak and sal ...	...	...	...	...	...	18			
	Teak poles and pieces	...	...	...	...	...	2,449			
	Poles and pieces other than teak and sal No.	...	..	...	...	...	118,131			
	Ditto cart loads ...	...	...	...	..	...	517			
	Ditto head loads ...	...	...	...	...	...	363			
	Fuel pieces ...	...	...	...	...	...	57			
	„ cart loads ...	...	..	...	...	...	10,743			
	„ head loads ...	...	...	...	...	...	20,644			
	Charcoal head loads ...	...	...	...	...	...	6			
	Bambus No. ...	...	...	..	...	...	94,696			
	Do. cart loads ...	...	...	...	...	...	17			
	Do. head loads ...	...	...	...	...	...	101			
	Total ...	...	...	...	...	...	247,742			
Damoh District Forests .	Teak pieces and poles	...	...	...	...	...	7,029			
	Poles and pieces other than teak and sal. No...	...	...	...	..	...	22,563			
	Ditto cart loads ...	...	...	...	...	...	18			
	Ditto bull loads ...	...	...	.	...	...	15,024			
	Ditto head loads ...	...	...	...	...	...	46,434			
	Ditto yoke loads ...	...	...	...	...	...	29			
	Firewood cart loads ...	...	...	...	...	...	2,122			
	Do. bull loads ...	...	...	...	...	...	25,199			
	Do. head loads ...	...	...	...	...	...	118,767			
	Do. piece ...	...	...	...	...	...	1			
	Do. yoke loads ...	...	...	...	...	...	9			
	Charcoal, bull loads ...	...	...	...	...	...	86			
	Do. head loads ...	...	...	...	...	...	13,210			
	Bambus, No. ...	...	...	...	..	...	3,165			
	Do. bull loads ...	...	...	...	...	...	4,718			
	Do. head loads ...	...	...	...	...	...	13,773			
	Total ...	...	...	...	...	...	272,147			

Chhindwara District Forests.	Teak poles and pieces ...	...	...	..	...	...	...	1,841				
	Poles and pieces other than teak and sal	...	...	..	...	...	...	33,964				
	Do. cart loads ...	...	...	...	...	...	...	2,669				
	Do. head loads ...	...	...	...	...	...	...	5,959				
	Do. yoke loads ...	..	...	...	...	...	...	1,464				
	Do. donkey loads...	...	...	...	...	...	...	49				
	Firewood cart loads ...	..	...	...	...	...	...	8,073				
	Do. head loads ...	...	...	...	...	...	...	39,981				
	Do. yoke loads ...	...	...	...	...	...	...	2,293				
	Do. donkey loads ...	...	...	...	...	..	...	1,141				
	Do. bangy loads ...	...	...	...	...	...	.	427				
	Do. bullock loads ..	...	...	...	...	...	...	1,845				
	Charcoal, cart loads ...	...	...	...	...	...	...	24				
	Do. head loads ...	...	...	...	...	...	...	2,214				
	Do. basket load ...	...	...	...	..	...	...	1				
	Do. buffalo loads	...	...	...	...	...	...	7				
	Do. bullock loads ...	...	...	...	...	...	...	254				
	Bambus, No. ...	...	...	...	...	...	...	142,557				
	Total	...	...	...	...	...	...	244,763				

The headings indicating the nature of the cuttings from which the produce was obtained do not appear generally adapted to existing conditions in the Central Provinces.

Form No. 55.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outturn of Forest Minor produce.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By purchaser.		By free grant.		By right holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
			Rs.		Rs.						
Direction ..	Grass poolas ...	...	...	550	1						
	„ cart loads ...	...	...	102	59						
	„ head loads ...	..	...	27	2						
	„ kawar loads ...	...	...	90	6						
	Total ...	...	...	769	68						
Mandla 1st Class Forests ..	Grazing buffalos ...	...	...	1,046	227						
	„ cows and bullocks ...	..	...	7,728	997						
	Grass poolas ...	658,000	427	925,714	193						
	„ cart loads ...	...	...	271	5						
	„ head loads ...	...	.	89	2						
	„ contract ...	...	...	...	186						
	Hides ...	...	...	24	22						
	Skins ...	10	10	1	1						
	Horns ... No.	...	...	3	4						
	Do. ... Maunds	8	39	...	...						
	Ropes .. No.	504	23	...	...						
	Other minor produce ... „	...	...	201	10						
	Do. kawar loads	...	...	69	6						
	Do. head loads	...	...	18	1						
	Do. maunds	1,219	2,217	2	1						
	Do. bundles	...	...	187	12						
	Do. contract	...	...	...	150						
	Fruits do.	...	...	...	2						
	Total ...	659,741	2,716	935,353	1,819						

Hoshangabad District Forests.

Grazing buffaloes ...	...	...	...	20,016	3,872
Do. cows and bullocks	...	...	...	170,623	12,368
Do. goats and sheep ..	...	...	...	35,804	235
Do. camels ...	...	..	...	84	11
Do. ponies ...	...	...	...	250	9
Do. donkeys ...	...	...	...	5	1
Grass, 2 bullock cart loads	...	...	...	1,440	180
Do. head loads ...	...	...	...	9,470	74
Do. beeds ...	...	...	...	10	1,136
Do. buffalo loads ...	...	...	...	3	...
Hides ...	No.	...	...	60	23
Do. head loads ...	...	...	...	9	1
Do. donkey loads ...	...	...	...	1	..
Do. contract ...	...	...	...	...	622
Horns, head loads ...	...	...	...	28	2
Do. donkey loads ...	...	...	...	22	6
Other minor produce ...	No.	...	...	76	114
Do. 2 bullock cart loads	...	...	...	7,010	1,940
Do. head loads ...	...	...	...	22,456	910
Do. 4 bullock cart loads	...	...	...	110	63
Do. poney and buffalo loads	...	...	...	258	90
Do. contract ..	...	...	...	...	655
Do. ...	Maunds...	...	...	396	46
Do. lots by auction	...	...	...	5	21
Mineral products ...	No. ...	...	...	1	2
Do. 2 bullock cart loads	...	...	...	227	74
Do. head loads	...	...	...	1,321	15
Do. buffalo and donkey loads.	...	...	...	577	18
Do. heaps ...	...	...	...	1	2
Fruits and flowers, head loads	...	...	...	914	29
Do. donkey loads	...	...	...	30	4
Do. contract ...	...	...	...	...	36
Peacocks' feathers	...	...	...	44	1
Do. head loads ...	...	...	...	1	...
Total ...	...	...	...	2,71,252	22,560
Grand Total ...	62	154		351,806	31,146

Form No. 55.—Continued.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By purchase		By free grant.		By right holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
			Rs.		Rs.						
Nimar 1st class Forests ...	Grazing buffaloes	..	..	22,553	5,629						
	Do. cows and bullocks ..	...	...	88,393	11,063						
	Do. goats and sheep	...	...	8,710	281						
	Do. ponies	..	...	4	1						
	Do. camels ..	...	...	174	77						
	Grass pulas	...	...	9,750	16						
	Do. 2 bullock cart loads ..	...	...	7,282	1,201						
	Do. head loads ..	...	....	4,691	190						
	Do. 4 bullock cart loads ...	...	..	313	44						
	Do. bullock loads	...	...	1,473	98						
	Do. donga loads	...	...	20	30						
	Do. contract	...	...	...	51						
	Hides ... No ..	...	..	94	67						
	Do. contract	...	...	...	160						
	Horns	...	...	3	...						
	Do. head loads ...	...	...	2	1						
	Other minor produce No.	2 249	304	...	...						
	Do. 2 bullock cart loads ...	...	...	703	176						
	Do. head loads	...	...	2,673	851						
	Do. bullock loads... ...	...	...	9	2						
	Do. ass loads	..	...	49	2						
	Do. contract	...	...	...	65						
	Do. maunds	15	117	89	37						
	Mineral product, cart loads ...	...	...	10,941	52						
	Do cart loads ...	...	...	26	7						
	Do. head loads ...	. .	...	1	1						
	Do. bullock loads ...	...	...	791	198						
	Fruits and flowers ... No.	..	...	866	3						
	Do head loads ..	...	...	180	3						
	Do. contract ...	...	...	...	11						
	Total ...	2,264	421	159,790	20,317						

Betul 1st class Forests ...	Grazing buffaloes ...	...	...	...	3,975	1,013
	Do cows and bullocks ...	...	...	...	16,144	2,036
	Do. sheep and goats ...	...	...	...	673	21
	Grass cart loads ...	..	...	...	500	67
	Do. head loads ...	..	...	...	1,351	21
	Horns ...	No.	...	...	21	1
	Do. contract ...	..	...	...	...	3
	Other minor produce, contract	...	...	...	...	936
	Skins ...	...	...	...	18	31
	Do. contract ...	...	...	...	...	25
	Total	...	...	...	22,682	4,154
Betul 2nd Class District Forests	Grazing buffaloes ...	..	...	...	19,387	3,938
	Do. cows and bullocks	...	...	...	102,309	13,765
	Do. sheep and goats	...	..	...	34,166	509
	Do. ponies and donkeys	..	...	...	28	3
	Do. camels ...	...	...	...	39	15
	Do. asses ...	...	...	...	302	40
	Do. license ...	...	...	...	...	352
	Grass cart loads ...	..	...	...	3,508	572
	Do. head loads ...	...	...	...	36,811	944
	Do. bullock loads	...	...	...	3,974	360
	Horns, head loads ...	...	...	...	50	5
	Do. bullock loads ...	...	...	...	21	14
	Skins, cart loads ...	...	...	...	58	67
	Do. head loads ...	...	...	...	483	51
	Do. contract ...	...	...	..	...	204
	Do. bullock loads ...	...	...	...	125	111
	Other minor produce, cart load	...	...	...	72	36
	Do. head loads ...	...	...	...	2,216	111
	Do. bullock loads	...	...	...	159	116
	Do. contract ...	..	...	...	...	9,519
	Do. kudus ...	...	...	...	21	10
	Mineral products, cart loads	...	...	...	279	119
	Do. heads loads	..	...	...	46	3
	Do. bull loads	..	...	...	75	19
	Do. ass loads	...	...	...	135	9
	Total	...	...	...	2,04,065	30,892
	Grand Total	...	...	...	2,26,747	35,106

Form No. 55.—Continued.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By purchase.		By free grant.		By right holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
			Rs.		Rs.						
Hoshangabad 1st Class Forests.	Grazing buffaloes ...	...	...	8,541	1,432						
	Do. cows and bullocks ...	...	...	66,109	5,224						
	Do. goats and sheep ...	...	...	438	14						
	Do. camels ...	...	...	10	10						
	Do. ponies ...	...	...	310	43						
	Do. pigs ...	...	...	1	...						
	Do. donkey ...	...	...	1	...						
	Grass, 2 bullock cart loads...	...	...	2,137	801						
	Do. head loads ...	...	...	1,623	51						
	Do. buffalo loads ...	...	...	16	2						
	Do. 4 bullock cart loads ...	...	...	14	9						
	Hides ...	39	30	432	83						
	Do. contract ...	...	...	...	109						
	Horns ... No.	...	...	143	2						
	Do. ... Maunds	...	...	5	3						
	Other minor produce ...	...	...	...	...						
	Do. 2 bullock cart loads ...	...	...	8	2						
	Do. head loads ...	...	...	230	14						
	Do. buffalo loads ...	...	...	16	4						
	Do. maunds ...	23	124	259	97						
	Do. contract ...	...	...	...	679						
	Fruits do. ...	...	...	...	6						
	Peacock's feathers ... No.	...	...	260	1						
	Do. head loads ...	...	...	1	...						
	Total ...	62	154	80,554	8,586						

Nimar District Forests ..	Grazing buffaloes	..	...	...	24,329	5,061
	Do. cows and bullocks	..	...	...	48,354	6,081
	Do. goats and sheep	..	...	...	3,588	114
	Grass cart loads	..	...	...	11,644	2,952
	Do. head loads	..	..	...	715	48
	Do. bullock loads	..	..	...	2,161	135
	Do. poney loads	...	...	...	2,601	163
	Do donkey loads	...	...	...	65	4
	Hides	No	...	...	2	1
	Do. contract	..	...	...	...	203
	Horns' cart loads	..	...	...	17	2
	Do. head loads	..	...	...	15	3
	Other minor produce, cart loads	...	...	...	1,855	338
	Do head loads	..	..	...	3,694	247
	Do. bullock loads	..	..	...	31	6
	Do. donkey loads	..	...	...	2	...
	Do contract	..	...	...	...	162
	Fruits and flowers, cart loads	...	...	...	6	2
	Do. head loads ..	..	...	...	43	3
	Total	..	...	...	99,119	15,527
	Grand Total	...	2,264	421	2,58,909	35,844
Chanda 1st Class Forests ...	Grazing buffaloes ...	..	..	...	2,732	809
	Do. cows and bullocks	..	...	...	9,578	3,823
	Do. head loads	...	...	...	10,365	335
	Grass cart loads ...	..	..	...	8,878	2,221
	Do. head loads ...	..	...	...	532	17
	Skins ...	.	..	...	82	22
	Do. contract ..	No	...	...	...	112
	Horns ...	..	215	60	...	...
	Do ...	Maunds ..	7	1	...	...
	Other minor produce ...	Maunds ..	311	633	...	...
	Other minor produce ...	No. ..	...	...	2	..
	Do. head loads	..	...	...	558	9
	Do. contract	..	...	...	...	338
	Fruits and flowers contract	..	...	...	...	4
	Do. ...	No. ..	77	1	...	...
	Total	..	610	695	32,727	7,690

Form No. 55—Continued.

Division.	Description of Produce.		Produce removed or utilized.									
			By Government Agency		By purchase.		By free grant.		By right holders.		Total.	
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value	Quantity.	Value.
				Rs.		Rs.						
Seoni 1st Class Forests	Grazing buffaloes	...	...	...	4,398	1,068						
	Do cows and bullocks	...	...	...	46,221	5,332						
	Do sheep	...	...	...	798	43						
	Do. passing cattle	...	...	...	7,318	81						
	Do. goats ...	..	...	..	223	12						
	Do. ponies	...	...	...	10	2						
	Grass pulas	..	85,049	101	2,92,350	94						
	Do. cart loads	..	...	...	8,504	1,088						
	Do. head loads	..	...	...	4,350	68						
	Do contract	...	...		...	227						
	Hides, contract	...	...	...	...	13						
	Horns	No.	...	...	255	6						
	Other minor produce	"	...	...	245	373						
	Do. cart loads	...	...	...	187	42						
	Do. head loads	...	...	...	1,968	93						
	Do. kawar loads	...	...	...	118	15						
	Do. maunds	...	...	...	29	95						
	Do. contract	...	...	...	...	980						
	Mineral product, cart loads	...	...	...	57	28						
	Do. kawar loads	..	..	...	191	12						
	Do. contract	..	...	...	...	2						
	Skins	No.	...	...	11	6						
	Do. contract	...	...	...	...	98						
	Flowers do.	...	...	...	...	2						
	Total	...	85,049	101	367,228	9,780						

Seoni District Forests	Grazing buffaloes	...	...	23,911	4,483
	Do. cows and bullocks	...	...	182,202	22,775
	Do. goats and sheep	...	...	12,603	399
	Grass cart loads	...	...	5	1
	Do head loads	...	...	52	2
	Do contract	...	...	...	7
	Other minor produce, contract	...	...	...	2,626
	Mineral products, cart loads	...	...	14	7
	Total	...	...	218,787	30,300
	Grand Total	...	85,049	101	586,015	40,080
Saugor 1st Class Forests	Grazing buffaloes	...	...	2,554	615
	Do oxen	...	...	10,422	1,655
	Do. poney	...	...	76	6
	Do sheep	...	...	114	12
	Grass cart loads	...	...	292	56
	Do. head loads	...	...	3,770	84
	Do buffalo loads	...	...	2	...
	Do beeds	...	...	...	2,515
	Do. oxen loads	...	...	9	1
	Hides, leased	...	...	...	70
	Other minor produce, cart loads	...	...	242	75
	Do. head loads	...	...	623	30
	Do. leased	...	...	...	1,757
	Fruits, head loads	...	...	98	9
	Mineral products, cart loads	...	...	1,189	70
	Do. head loads	...	...	365	2
	Do. donkey loads	...	...	416	6
	Do. buffalo loads	...	...	3,629	109
	Do. poney loads	...	...	22	...
	Do. leased	...	...	...	16
	Total	...	...	23,823	7,088

Form No. 55.—Continued.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By purchase.		By free grant.		By right holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
			Rs.		Rs.						
Saugor District Forests ...	Grazing buffaloes ...	...	...	46,725	8,920						
	Do. oxen ...	...	...	182,402	23,375						
	Do. ponies ...	...	...	811	44						
	Do. sheep ...	...	...	16,817	550						
	Do. pigs ...	...	...	41	5						
	Do donkeys ...	...	...	14	2						
	Grass pulas ...	...	...	500	1						
	Do cart loads ...	...	...	9	9						
	Do head loads ...	...	...	4,571	48						
	Do. beeds ...	...	...	...	633						
	Hides ... No.	...	...	9	7						
	Do. leased ...	...	...	...	1,818						
	Horns No.	...	...	1	...						
	Other minor produce cart loads ...	...	...	1,015	460						
	Do. head loads ...	...	...	19,747	545						
	Do buffalo loads ...	...	...	933	56						
	Do. leased ...	...	...	...	9,554						
	Do. Maunds ...	...	...	5	10						
	Fruit, leased ...	...	...	...	12						
	Mineral products, cart loads ...	...	...	233	10						
	Do. head loads ...	...	...	353	2						
	Do. donkey loads ...	...	...	101	2						
	Do. buffalo loads ...	...	...	889	27						
	Do. poney loads ...	...	...	2	...						
	Do. leased ...	...	...	...	193						
	Skins No.	...	...	1	1						
	Total ...	...	...	275,179	46,284						
	Grand Total ...	...	...	299,002	53,372						

Wardha 1st Class Forests ...	Grazing buffaloes	...	...	...	1,622	608
	Do. cows and bullocks	...	...	...	9,074	1,701
	Grass pulas	..	4,412	26	163,868	1 935
	Do. head loads	..	4	...	...	...
	Grass cart loads	...	...	...	1,176	294
	Do. head loads	...	...	...	1,585	49
	Do. kawar loads	..	...	..	552	69
	Do. pulas	..	...	...	9,400	94
	Other minor produce, bundles	...	...	...	64	32
	Do. maunds		21	37	13	75
	Skins	No.	3	2	4	3
	Total	...	4,440	65	187,358	4,858
Wardha District Forests ..	Grazing buffaloes	...	...	...	11,563	3,357
	Do. cows and bullocks	..	...	...	39,783	8,595
	Grass pulas	...	163,901	1,935	33	...
	Do. beeds	...	...	...	800	800
	Do. cart loads	...	...	...	247	62
	Do. head loads	...	...	...	1,274	40
	Do. kawar loads	...	...	...	162	20
	Do. contract	...	...	...		918
	Other minor produce	Maunds...	73	73	...	...
	Do.	bundles ...	...	...	63	32
	Do.	cart loads ...	...	...	160	80
	Do.	contract ...	...	...	...	383
	Do.	koodoos ...	...	..	48	7
	Do.	khandees ...	...	...	1	3
	Do.	contract ...	...	...	...	219
	Total	...	163,914	2,008	54,134	14,516
	Grand Total	...	168,354	2,073	2,41,492	19,374

Form No. 55.—Concluded.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By purchase.		By free grant.		By right holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Nagpur District Forests ..	Grazing buffaloes ...	...	...	5,353	1,310						
	Do. cows and bullocks ..	...	...	75,128	8,983						
	Do. goats and sheep ...	...	...	30,793	1,068						
	Grass cart loads ..	...	...	892	223						
	Do. head loads ...	...	...	3,042	94						
	Do. contract ...	...	...	...	1,944						
	Other minor produce head loads ...	...	...	12	39						
	Do. contract ...	...	..	...	2,651						
	Do. No. ..	...	...	3,600	16						
	Mineral product contract ...	...	...	...	19						
	Total ..	...	...	118,820	16,418						
Damoh District Forests ...	Grazing buffaloes ..	...	...	37,324	7,127						
	Do. cows and bullocks ...	...	...	166,336	21,280						
	Do. goats and sheep ..	...	...	18,469	1,158						
	Do. elephants ...	..	...	1	10						
	Do. pigs ...	...	...	5	1						
	Do. ponies ...	...	...	1	...						
	Do. contract ...	...	...	...	20						
	Grass head loads ...	...	...	1,629	27						
	Do. pulas ...	...	...	1,239	10						
	Do. contract ...	...	...	...	82						
	Hides No.	...	...	104	105						
	Mineral products, cart loads ...	...	...	5,155	161						
	Other minor produce, cart loads ...	...	...	12	1						
	Do. head loads ...	...	...	17	2						
	Do. No. ...	...	...	5	6						
	Do. maunds ...	...	...	1	9						
	Do. contract ..	...	...	...	12,452						

	Horns	No	..	...	6	1
	Skins	,,	..	...	446	355
	Mineral products, kilns	..	..	...	2	30
	Total	..	...	...	230,752	42,837
Chhindwara District Forests...	Grazing buffaloes	..	...	...	19,893	3,002
	Do. cows and bullocks	...	...	...	134,872	12,624
	Do. goats and sheep	...	...	...	31,033	749
	Do. camels	...	...	...	2	..
	Do. ponies	...	...	...	18	1
	Grass pulas	..	...	...	15000	3
	Do. cart loads	...	.	...	10,929	1,392
	Do. head loads	...	...	...	34,441	191
	Do. yoke loads	...	...	...	35	2
	Do bangy loads	...	...	...	12	...
	Do bullock loads	...	...	...	2,473	65
	Other minor produce, cart loads	...	...	...	1,146	174
	Do head loads	...	...	...	21,165	107
	Do. number	...	...	...	64	3
	Do yoke loads	...	...	...	238	11
	Do. donkey loads	...	..	...	5	...
	Do. bangy loads	...	...	...	193	10
	Do. contract	...	...	...	...	68
	Do. bullock loads	...	...	...	9	...
	Do. maunds	...	..	...	7	31
	Do. ,,	...	. .	...	14	52
	Do. leased	...	...	..	...	2,475
	Mineral products, cart loads	...	...	...	38	1
	Do. head loads	...	...	..	293	2
	Do basket loads	...	...	...	6	...
	Do bullock loads	...	...	..	2	...
	Horns, head loads	...	...	...	2	...
	Do. No.	...	...	...	4	1
	Skins No.	...	...	...	32	17
	Do. contracts	...	...	...	...	48
	Total	...	...	...	271,925	21,030

Annual Form No. 56—Prescribed

FOREST DEPARTMENT, CENTRAL PROVINCES.

Account of Timber and other Produce cut or collected by Government agency and brought to Sale Depots or sold locally during the year 1885-86.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
BALANCE AT COMMENCEMENT OF THE YEAR.				
Teak logs ...	35	830		
Logs other than teak and sal ...	6	34		
Teak sleepers ...	1,943	3,236		
Sleepers other than teak and sal ..	2,639	9,162		
Teak scantlings ...	5,593	6,585		
Teak planks ...	3,668	1,507		
Planks other than teak and sal ...	2,048	290		
Teak furdays or slabs ...	606	2,148		
Teak pieces and poles ...	789	11		
Sal pieces and poles ...	10	...		
Pieces and poles other than teak and sal ...	13,965	40		
Boats ...	2	...		
Firewood maunds ...	577	..		
Bambus ...	9,552	...		
Grass bundles ...	158,339	...		
Other minor produce Mds...	3	...		
			1,99,775	23,843
RECEIVED FROM THE FORESTS IN DEPOT.				
Sal logs ..	3	118		
Sal sleepers ...	516	1,764		
Sal scantlings ...	110	678		
Scantlings other than teak and sal ...	5,092	16,573		
Teak poles and pieces ...	1,709	...		
Sal poles and pieces ..	4	...		
Pieces and poles other than teak and sal ...	7,922	...		
Boat ..	1	...		
Bambus ...	9,150	...		
Grass poolas ...	151,037	...		
Ropes bundles ...	4	...		
Other minor produce Mds...	13	...		
Thorns bundles ..	24	....		
Firewood maunds ...	3,733	...		
			179 318	19,133

Particulars.	No. or quantity	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
REMOVED BY PURCHASERS FROM DEPOTS.				
Logs other than teak and sal ...	1	17		
Sal sleepers ...	467	1,610		
Sleepers other than teak and sal ...	50	174		
Teak scantlings ...	121	463		
Sal scantlings ...	41	246		
Scantlings other than teak and sal ...	5,092	16,573		
Teak planks ...	812	364		
Planks other than teak and sal ...	847	427		
Teak furdays ...	166	684		
Teak pieces and poles ...	2,292	...		
Sal pieces and poles ...	14	...		
Poles and pieces other than teak and sal ...	11,621	...		
Boat ...	1	...		
Firewood maunds ...	3,595	...		
Bambus ...	10,511	...		
Grass poolas ...	159,084	...		
Ropes bundles ...	4	...		
Other minor produce Mds...	12	...		
			195,031	20,558
SOLD LOCALLY.				
Teak logs ...	2,885	25,659		
Logs other than teak and sal ...	25	71		
Teak logs squared ...	2	17		
Teak sleepers ...	2,372	3,952		
Sal sleepers ...	900	3,123		
Sleepers other than teak and sal ..	21,021	35,058		
Teak scantlings ...	7	7		
Sal scantlings ...	1,450	3,281		
Teak planks ...	20	12		
Planks other than teak and sal ..	5	..		
Sal furdays ...	459	...		
Teak pieces and poles ...	7,042	...		
Sal pieces and poles ...	192	...		

Received from Forests and sold locally.					
	Teak logs	.	2,883	25,659	
Logs other than teak and sal		..	25	71	
	Teak logs squared	...	2	17	
	Teak sleepers	...	2,372	3,952	
	Sal sleepers	...	900	3,123	
Sleepers other than teak and sal		...	21,021	35,058	
	Teak scantlings	..	7	7	
	Sal scantlings	...	1,450	3,281	
	Teak planks	..	20	12	
Planks other than teak and sal		...	5	...	
	Sal furdays	..	459	...	
	Teak pieces and poles	.	7,042	...	
	Sal pieces and poles	..	192	...	
Poles and pieces other than teak and sal		...	5,848	...	
Do.	do cart loads	...	3	...	
	Boats	...	4	...	
	Bambus	...	213,411	...	
	Firewood maunds	...	12,356	...	
	Do. cart loads	...	191	...	
	Charcoal do.	...	12	..	
	Grass poolas	..	763,981	...	
	Horns	...	215	...	
	Do. maunds	...	15	...	
	Hides	...	38	...	
	Skins	...	15	..	
	Ropes bundles	...	500	...	
	Fruits	...	2,326	...	
	Other minor produce Mds.	...	1,589	...	
					1,036,884 71,180
Confiscated and sold locally.					
	Teak logs	...	2	...	
	Teak pieces and poles	...	1,676	...	
Poles and pieces other than teak and sal		...	3,289	...	
Do.	cart loads	..	23	...	
Do.	head loads	...	76	...	
Poles and pieces other than teak and sal		..	5,848	...	
Do.	do. cart loads	...	3	...	
	Boats	..	4	...	
	Bambus	...	213,411	...	
	Firewood maunds	...	12,356	...	
	Do. cart loads	..	191	...	
	Charcoal do	...	12	...	
	Grass poolas	...	763,981	...	
	Horns	...	215	...	
	Do. maunds	...	15	...	
	Hides	..	38	...	
	Skins	...	15	...	
	Ropes bundles	...	500	...	
	Fruits	...	2,326	...	
	Other minor produce Mds.	...	1,589	...	
					1,036,884 71,180
Confiscated wood sold locally.					
	Teak logs	...	2	...	
	Teak pieces and poles	...	1,676	...	
Poles and pieces other than teak and sal		...	3,289	...	
Do	do. cart loads	...	23	...	
Do.	do. head loads	...	76	...	
	Firewood cart loads	...	172	...	
	Do. head loads	..	3	...	
	Charcoal do.	...	3	...	
	Bambus	...	154	...	
	Hides	..	1	...	
	Skins	...	2	...	
	Grass head loads	...	4	...	
					5,405 ...
Used Departmentally					
	Teak poles and pieces	...	64	...	
	Other poles and pieces	...	134	...	
	Firewood maunds	...	55	...	
	Grass poolas	...	17,598	...	
	Thorn bundles	...	24	...	...
					17,875
Written off					
	Firewood maunds	...	355	...	
	Grass poolas	...	3,072	...	
					3,427 ...

Annual Form No. 56 (Prescribed) Concluded.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.	Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Firewood cart loads ...	172	...			REDUCTION IN WEIGHT.				
Do. head loads ..	3	...			Firewood maunds ...	1	...		
Charcoal do. ...	3	...						1	...
Bambus ...	154	...			TRANSFERRED TO OTHER DEPOTS.				
Hides ...	1	...			Teak scantlings ...	15	32		
Skins ...	2	...			Teak planks ...	5	4		
Grass head loads ...	4	...						20	36
			5,405	...	BALANCE AT CLOSE OF THE YEAR.				
EXCESS FOUND					Teak logs ...	35	830		
Teak poles and pieces ...	2	...			Sal logs ...	3	118		
Planks other than teak and sal ...	...	778			Logs other than teak and sal ..	5	17		
Firewood maunds ...	171	...			Teak sleepers ...	1,943	3,236		
			173	778	Sal sleepers ...	49	154		
					Sleepers other than teak and sal ...	2,589	8,988		
					Teak scantlings ...	5,157	6,090		
					Sal scantlings ..	69	432		
					Scantlings other than teak and sal ...	...	...		
					Teak planks ...	2,851	1,139		
					Planks other than teak and sal ...	1,201	641		
					Teak furdays or slabs ..	440	1,464		
					Teak pieces and poles ...	144	11		
					Poles and pieces other than teak and sal ...	10,132	40		
					Boats ...	2	...		
					Firewood maunds ..	475	...		
					Bambus ...	8,191	...		
					Grass poolas ...	1,29,622	...		
					Other minor produce Mds...	4	...		
								162,912	23,160
Total ...			1,421,555	114 934	Total ...			1,421,555	114,934

Form No. 57.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Abstract showing the value of timber and other produce at sale Depots for the year 1885-86.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	Cubic ft.	Value.	No.	Cubic ft.	Value.	In favour of the year.	Against the year.	
			Rs.			Rs			
Logs round ... Teak ..	35	830	529	35	830	471		...	
Logs round ... Sal ...	..	...	...	3	118	177	...	...	
Logs other than Teak and Sal ...	6	34	12	5	17	5	...		
Teak scantlings ..	5,593	6,585	6,586	5,157	6,090	5,482	...	...	
Sal scantlings ...	...		. .	69	432	540	.	...	
Sleepers . . Teak	1,943	3,236	3,237	1,943	3,236	2,913	. .	...	
Sleepers . . Sal	...		...	49	154	64			
Sleepers other than Teak and Sal ...	2,639	9,162	10,556	2,589	8,988	7,767	...	. .	
Teak furdays and slabs ..	606	2,148	2,418	440	1,464	1,480	...		
Teak planks .	3,668	1,507	2,260	2,851	1,139	1,537	...	...	
Planks other than Teak and Sal ...	2,048	290	218	1,201	641	432	...	...	
Pieces and poles marketable ... Teak ...	789	11	225	144	11	31	...	...	
Pieces and poles marketable ... Sal ..	10	...	10	...		...	...	...	
Pieces and poles marketable other than Teak and Sal -	13,965	40	1,061	10,132	40	1,037	...	.	
Boats ...	2		20	2		20	...	...	
Total	31,304	23,843	27,132	24,620	23,160	21,956	...	5,176	

Form No. 57.—Concluded.

Description of timber and other Produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	Cubic ft.	Value.	No.	Cubit ft.	Value.	In favour of the year.	Against the year.	
Fuel, maunds ...	577	...	144	475	...	119	...	..	
Total ...	577	...	144	475	...	119	...	25	
Bambus ...	9,552	...	290	8,191	...	230	...	...	
Total ...	9,552	...	290	8,191	...	230	..	60	
Grass poolas ...	1,58,339	...	1,573	1,29,622	...	957	...	...	
Other minor produce, maunds ...	3	...	9	4	...	34	...	...	
Total ...	1,58,342	...	1,582	1,29,626	...	991	...	591	
Grand Total ..	1,99,775	23,843	29,148	1,62,912	23,160	23,296	...	5,852	
Elephants ..	5	...	2,305	5	...	2,075	...	...	
Other live stock ...	151	...	1,546	130	...	1,073	...	...	
Machinery ...	...	...	14,532	...	...	11,513	...	...	
Other dead stock ...	...	...	19,748	...	...	17,327	...	...	
Total ..	156	...	38,131	135	...	31,988	...	6,143	
Grand Total ..	1,99,931	23,843	67,279	1,63,047	23,160	55,284	...	11,995	

Annual Form No. 58 (Prescribed).

Annual Form No.

FOREST DEPARTMENT,

Summary of Revenue

Budget Heads—Receipts.	Direction.	Balaghat District.	Betual Division.	Bhandara District.
I.—Timber and other produce removed from the forests by Government agency :—	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
a. Timber	5 0 0	34 13 6	.....	280 1 0
b. Firewood and Charcoal... ...	.....	118 13 9	.....	265 5 9
c. Bamboos	.....	55 7 0	.....	11 8 0
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other Minor Produce ...	.....	317 1 0	.....	.....
II.—Timber and other produce removed from the forests by consumers or purchasers :—	.....	12,758 8 9	.....	.....
a. Timber	1 0 0	613 0 0	10,457 14 7	222 2 6
b. Firewood and Charcoal	.....	1,163 3 7	5,126 12 0	19,080 5 3
c. Bamboos	96 15 11	1,178 0 11	5,332 3 2	2,073 2 3
d Grazing and Fodder Grass ...	69 3 6	12,491 9 8	23,687 5 7	19,773 10 3
e. Other Minor Produce	.....	9,812 7 10	11,391 9 9	4,489 0 6
III —Confiscated drift and waif wood ..	0 6 0	.....	5 0 0	840 12 0
IV.—Revenue from forests not managed by Government :—				
a. Duty on Foreign Timber and other Forests Produce	.....	.....	.....	.....
b. Revenue from shared and private Forests ...	.....	.....	.....	7,185 0 0
V.—Miscellaneous :—				
a. Fines and forfeitures	.....	34 9 3	345 9 6	1,046 4 5
b .Refunds	... ..	23 2 4	23 7 7	... ..
c. Other sources	2,913 9 3	.....	1,512 11 3	56 12 0
Total Receipts ...	3,086 2 3	38,600 13 7	57,882 9 5	46,273 15 11
BUDGET HEADS.				
A.—Conservancy and Works				
I.—Timber and other produce removed from the forests by Government agency :—				
a. Timber	.....	4 2 0	.....	.....
b. Firewood and Charcoal... ...	.....	29 6 0	.....	.....
c. Bamboos	11 4 0	69 3 0	.....	.....
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other minor roduce ...	.....	.....	.....	.....
II.—Timber and other produce removed from the forests by consumers or purchasers ...	.....	8,614 0 1	9,607 11 2	8,942 5 0
III.—Confiscated, drift and waif wood ...	.....	.....	.....	.....
IV.—Revenue from forests not managed by Government:—				
a. Duty on foreign timber and other forests produce	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V.—Rent of leased forests, and payments to shareholders in forests managed by Government:—				
VI.—Live stock, Stores Tools and Plant ;—	.....	.....	.....	.....
a. Purchase of Cattle	.....	.....	.....	.....
b. Feed and keep of Cattle ...	1,148 12 10	.....	.....	69 7 3
c. Stores, Tools, and Plant... ...	52 8 0	4 0 0	208 2 0	.....

58.—(Prescribed)

CENTRAL PROVINCES.

of the different Divisions, for the year 1885-86.

Bilaspur District.	Chanda Division.	Chhindwara District.	Damoh District.	Hoshangabad Division	Jubbulpore District	Mandla Division.
Rs. a p	Rs. a. p	Rs. a. p.	Rs a. p	Rs. a. p	Rs a. p	Rs a p
.....	92,867 4 6	...	... ..	2,087 11 6	.....	13,729 15 6
.....	.....	.....	.....	79 0 0	...	639 8 7
.....	214 0 0	.. ...	.....	.....	.....	1,870 0 3
.. ...	.....	.....	.....	.....	... ..	.....
....	763 2 5	.....	.....	152 10 7	.... .	7,882 14 7
. ....	13,674 4 1	....	4,697 8 0	4,401 11 6	.....	...
3,602 11 9	7,006 11 5	3,438 1 6	8,118 2 10	20,175 15 6	1,401 10 0	25 1 0
1,769 9 3	9,732 15 0	2,652 8 0	4,117 13 1	4,442 14 5	2,027 14 5	11 6 3
2,995 6 0	13,551 2 5	2,599 0 7	1,844 4 8	12,664 9 8	1,891 12 0	396 4 4
10,259 8 6	46,794 8 2	18,028 12 2	29,713 8 6	25,495 7 4	9,695 12 3	1,609 4 4
1 897 5 1	10,983 10 10	3,098 0 1	13,011 6 3	5,972 8 3	2,498 8 0	209 4 9
2 10 0	.....	538 11 6	.. ..	283 10 3	75 0 6	..
1 0 0	.....	.....	.....	....	.....	... ..
3,175 0 0	.....	....	.....	.....	.....	... .
43 12 9	20 11 0	45 12 0	2 0 0	60 8 3	7 4 9	10 10 0
2 9 3	25 0 6	7 10 8	2 0 2	0 3 3	4 5 6	44 12 10
1,209 9 6	821 7 10	1,168 11 4	40 14 0	2,719 15 8	224 13 6	164 14 6
24,959 2 1	1,96,454 14 2	31,577 3 10	61,547 9 1	78,536 13 11	17,827 0 11	26,594 0 11
.....	14,171 10 7	.....	.....	.....	.....	11,122 15 9
.....	.....	.....	.....	.....	.....	269 3 6
.....	92 7 3	.....	.....	.....	.....	609 7 1
.....	...	.....	.....	.....	... .	.....
.....	490 2 7	.....	... ..	31 6 5	.....	1,569 4 0
4431 1 7	18,511 2 6	8,073 5 3	12,611 15 11	14,394 9 10	4,164 3 7	... ..
.....	.....	.....	.....	.....	.....	.....
.....	.....	.... .	.... .	.....	.....	... :
. ...	.....	.....	.....	.....	.....	.....
....	.....	.....	.....	.....	.....	.....
... ..	.....	.....	.....	.....	.....	.....
.....	1,393 9 8	.....	.....	299 6 11	.. ...	1,079 0 2
.....	106 8 9	8 8 0	.....	362 9 3	.. ...	9 0 0

Budget Heads—Receipts.	Mandla District.	Nagpur Division.	Narsinghpur District.	Nimar Division.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the forests by Government agency :—				
a. Timber	.....	.....	.....	34 8 10
b. Firewood and Charcoal	.....	.....	.....	.....
c. Bamboos	.....	.....	.....	.....
d. Sandal-wood	.....	.....	.....	.....
e. Grass and other minor produce ...	6,944 9 0	.....	.....	447 13 3
II.—Timber and other produce removed from the forests by consumers or purchasers ...	13,939 3 11	.....	...	1,292 3 6
a. Timber	490 10 11	7,910 9 9	1,964 15 0	9,870 6 8
b. Firewood and Charcoal	558 0 5	3,466 7 5	2,617 4 3	3,514 6 9
c. Bamboos	2,860 6 10	1,016 4 7	2,258 5 9	10,871 12 2
d. Grazing and Fodder grass	50,751 9 8	16,797 5 0	4,574 13 0	33,241 6 9
e. Other minor produce	9,964 15 1	2,990 11 0	1,402 13 9	2,623 3 3
III.—Confiscated drift and waif wood ...	114 10 11	1,209 0 0	5 11 0	239 6 6
IV.—Revenue from forests not managed by Government :—				
a. Duty on foreign Timber and other forests produce	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V.—Miscellaneous :—				
a. Fines and Forfeitures	.....	95 12 0	10 13 6	.....
b. Refunds	.....	16 7 2	.....	1 4 0
c. Other sources	.....	165 2 2	7 0 0	2,733 2 0
Total Receipts ...	85,624 2 9	33,667 11 1	12,841 12 3	64,869 9 8

BUDGET HEADS.

A.—Conservancy and Works

I.—Timber and other produce removed from the forests by Government agency :—				
a. Timber	.....	.....	.....	22 12 0
b. Firewood and Charcoal	.....	.....	.....	.....
c. Bamboos	.....	.....	.....	.....
d. Sandal-wood	.....	...	.....	.....
e. Grass and other minor produce ...	1,000 15 6	...	.....	70 0 0
II.—Timber and other produce removed from the forests by consumers or purchasers ...	13,111 7 6	7,751 14 7	3,338 15 6	16,469 4 10
III.—Confiscated drift and waif wood ...	.....	.....	.....	.....
IV.—Revenue from forests not managed by Government :—				
a. Duty on foreign timber and other forest produce	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	.....	.....	.....
V.—Rent of leased forests, and payments to shareholders in forests managed by Government ...	.....	.....	.....	4,251 7 0
VI.—Livestock, Stores, Tools and Plant				
a. Purchase of cattle	.....	.....	.....	20 0 0
b. Feed and keep of Cattle	.....	.....	.....	200 5 2
c. Stores, Tools and Plant	.....	40 0 0	.....	257 14 0

58. (Prescribed).—Contd.

Raipur District.	Sambalpur District.	Saugor Division.	Seoni Division.	Wardha Division.	Total.
Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	....	.....	8 10 0	685 15 0	109,683 15 10
... ..	.....	.....	8 4 0	895 6 0	2,006 6 1
....	.....	.....	780 12 2	.....	2,931 11 5
.....	.....	.....	.....	.....	.....
.....	.....	....	100 12 6	2,693 13 0	19,302 12 4
3,245 0 0	16,843 7 8	528 6 0	10,227 15 6	.....	86,608 4 11
11,206 1 3	.....	6,223 8 8	6,103 15 0	715 0 0	99,547 10 4
3,888 1 3	.....	6,279 7 11	4,296 10 1	1,635 0 0	67,380 11 4
1,302 8 3	.. ...	3,462 0 9	11,628 7 9	.. ...	78,022 11 7
29,745 5 3	1,711 3 9	38,548 5 8	35,684 6 11	17,145 13 3	4,25,818 15 6
11,373 2 8	.....	14,886 6 8	4,546 2 2	801 0 6	1,11,952 4 5
...	...	169 0 6	50 5 6	141 6 3	3,675 10 11
	....		...	...	1 0 0
.....	...	.....	...	.....	10,360 0 0
.....	949 4 9	.....	50 4 0	258 13 0	2,982 0 11
.....	.....	.....	33 6 6	.....	184 5 9
1,560 0 0	.....	690 10 11	441 7 1	4 1 0	16,434 14 0
67,320 2 8	19,504 0 2	70,787 15 1	73,961 7 2	24,976 4 0	10,36,893 7 4
.....	.....	....	29 10 6	27 12 0	25,378 14 6
.....	.....	.....	...	19 5 0	317 14 6
.....	.....	.....	234 11 0	.....	1,017 0 4
.....	.....	.....	.....	.....	.....
.....	.....	.....	140 7 9	223 0 3	3,525 4 6
8,708 5 3	4,564 14 3	15,028 0 9	10,920 4 3	6,184 6 0	1,75,429 13 10
.....	.....	.. ...	....	.. ...	.....
... .	.....	.. ...	....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	....	.....	4,251 7 0
.....	.....	...	.....	.....	20 0 0
987 14 9	.....	.. ...	87 6 3	401 12 7	5,667 11 7
.....	.. ...	27 14 11	133 8 0	128 8 0	1,339 0 11

Budget Heads.—A,—Conservancy and works.	Direction.	Balaghat District,	Betul Division,	Bhandara District.
	Rs. a p.	Rs. a. p.	Rs. a. p.	Rs. a. p
A.—Conservancy and Works.				
VII.—Communications and Buildings :—				
a. Roads and Bridges ...	.....	.....	255 11 6	.....
b. Buildings ...	4 5 4	.....	52 14 0	.....
c. Other Works ...	.....	.....	.....	.....
VIII.—Demarcation, improvement and extension of Forests :—				
a Demarcation ...	.....	372 12 7	586 0 4	876 6 9
b. Compensation for Land and Rights ...	.....	.....	.....	.....
c. Surveys and Working Plans ...	.....	.....	.....	.....
d. Plantations ..	.....	0 8 0	38 0 0	.....
e. Protection from fire ..	234 2 6	86 0 6	1,186 8 3	19 0 0
f. Other works ...	47 5 8	.....	1,003 0 3	.....
IX.—Miscellaneous :—				
a. Refunds ...	.....	.....	.....	.....
b. Law Charges ...	.....	.....	3 0 0	.....
c. Other Charges ...	2,287 5 2	.....	28 10 9	54 11 6
Total A,—Conservancy and Works ...	3,785 11 6	9,180 0 2	12,969 10 3	9,961 14 6
B —Establishments.				
I.—Salaries :—				
a. Conservators ...	15,456 2 11	.....	.....	.....
b. Superior Officers ...	9,214 7 2	1,600 0 0	6,600 0 0	5,851 9 10
c. Subordinate Forest and Depot Establishments ...	595 4 4	983 12 9	2,378 6 7	.....
d. Office Establishments ...	5,250 15 0	.....	592 15 11	.....
e. Deputation and special Allowances ...	.....	.....	.....	.....
II.—Travelling Allowances :—				
a. Conservators ...	1,369 6 0	.....	.....	.....
b. Superior Officers ...	729 8 0	494 9 4	1,033 8 0	540 10 0
c. Subordinate Forest and Depot Establishments ...	.....	.....	.....	.....
d. Office Establishments ...	294 7 0	.....	57 10 0	.....
III.—Contingencies :—				
a. Stationery ...	29 2 6	.....	4 4 0	29 2 6
b. Carriage of Tents and Records ...	749 7 6	238 1 0	568 13 3	315 4 8
c. Rents, Rates and Taxes ...	540 0 0	.....	300 0 0	.....
d. Pay of Police Guards ...	.....	.....	.....	.....
e. Official Postage ..	330 8 6	51 11 0	345 14 6	201 0 0
f. Sundries ...	755 14 11	72 12 0	184 2 0	100 7 0
Total B,—Establishments ...	35,315 3 10	3,440 14 1	12,065 10 3	7,038 2 0
Grand Total of Expenditure ...	39,100 15 4	12,620 14 3	25,035 4 6	17,000 0 6

Bilaspur District.	Chanda Division.	Chhindwara District.	Damoh District.	Hoshangabad Division.	Jubbulpore District.	Mandla Division.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. d.	Rs. a. p.
.....	10 1 3	.....	.....	1,241 3 0	....	164 0 2
.....	240 0 7	26 11 0	9 8 0	401 5 9	18 0 0	272 12 9
30 0 0	12 0 0	.....	.....	15 10 6	.....	38 6 3
.....	2,880 5 9	663 13 4	9 13 1	1,350 13 8	7 6 9	247 4 7
.....	61 2 6	.....	.....	.....	.....	.....
.....	635 2 8	.....	.....	.....	.....	594 1 3
.....	.....	15 6 2	.....	20 14 3	.....	56 14 5
.....	3,709 8 8	.....	.....	3,821 10 3	.....	2,750 5 5
.....	231 15 3	.....	121 1 1	241 1 6	.....	412 1 2
18 9 3	.....	36 12 0	3 0 0	11 14 0	67 12 0	.....
.....	.....	.....	.....	.....	.....	1 1 3
.....	196 6 7	20 0 0	4 15 8	116 12 11	141 1 6	190 14 0
4,479 10 10	42,742 4 7	8,846 5 9	12,760 5 9	22,309 6 3	4,398 7 10	19,386 11 5
.....	.....	.....	.....	.....	.....	.....
.....	6,206 11 9	2,800 0 0	.....	10,800 0 0	.....	13,880 0 0
.....	6,242 5 11	.....	668 4 2	4,127 9 2	779 0 6	4,889 14 11
.....	1,246 0 0	.....	.....	664 0 0	.....	1,028 5 9
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	517 8 8	715 0 0	.....	1,016 12 8	.....	1,691 10 2
.....	271 0 4	.....	.....	37 10 0	.....	.....
.....	40 12 0	.....	.....	18 13 0	.....	157 13 4
.....	6 13 6	.....	.....	29 8 6	.....	86 3 9
.....	187 14 0	207 15 1	.....	271 7 9	.....	588 13 11
.....	42 0 0	.....	.....	369 0 0	.....	310 0 0
.....	.....	.....	.....	.....	.....	.....
40 0 0	476 2 0	40 11 0	5 11 6	260 0 0	13 13 6	157 12 0
.....	76 1 3	60 9 2	.....	275 12 0	.....	351 7 0
40 0 0	15,313 5 5	3,824 3 3	673 15 8	17,870 9 1	792 14 0	23,142 0 10
4,519 10 10	58,055 10 0	12,670 9 0	13,434 5 5	40,179 15 4	5,191 5 10	42,528 12 0

Budget Heads.—A.—Conservancy and Works.	Mandla District.	Nagpur Division.	Narsinghpur District.	Nimar Division.
	Rs. a p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Conservancy and Works.				
VII.—Communications and Buildings:—				
a. Roads and Bridgas	.....	.....	.....	73 2 0
b. Buildings	.....	.....	.....	493 3 8
c. Other Works	.....	.....	.....	216 1 0
VIII.—Demarcation, improvement and extention of forests:—				
a. Demarcation	663 12 2	537 6 6	.....	879 4 7
b. Compensation for Land and Rights ...	.....	.....	.....	.....
c. Surveys and Working Plans ...	.....	.....	.....	.....
d. Plantations	.....	.....	.....	72 0 0
e. Protection from fire	.....	.....	.....	2,834 14 7
f. Other works	.....	.....	.....	310 2 1
IX.—Miscellaneous:—				
a. Refunds	271 8 0	241 0 0	.....	.....
b. Law charges	.....	.....	.....	29 2 9
c. Other Charges ...	.....	9 1 0	96 12 0	32 11 0
Total A.—Conservancy and Works	15,047 11 2	8,579 6 1	3,435 11 6	26,232 4 8
B.—Establishments.				
I.—Salaries:—				
a. Conservators	.....	.....	.....	.....
b. Superior Officers	.....	3,100 0 0	.....	13,250 0 0
c. Subordinate Forest and Depot Establishments	814 0 0	970 6 2	84 0 0	4,867 4 2
d. Office Establishments ...	.....	264 0 0	.....	929 9 1
e. Deputation and Special Allowances ...	.....	.....	.....	.....
II.—Travelling Allowances:—				
a. Conservators	.....	.....	.....	.....
b. Superior Officers	.....	606 10 0	.....	870 6 0
c. Subordinate Forest and Depot Establishments	12 14 0	.....	.....	91 5 8
d. Office Establishments ...	.....	49 0 8	.....	92 8 8
III.—Contingencies:—				
a. Stationery	.....	1 6 6	.....	10 10 6
b. Carriage of Tents and Records ...	.....	296 13 3	.....	548 1 4
c. Rents, Rates and Taxes	.....	.....	.....	.....
d. Pay of Police Guards ...	.....	.....	.....	.....
e. Official Postage	41 12 6	221 4 0	10 2 6	165 2 0
f. Sundries	.....	102 4 7	.....	403 13 8
Total B.—Establishments ...	868 10 6	5,611 13 2	94 2 6	21,228 13 1
Grand Total of Expenditure ...	15,916 5 8	14,191 3 3	3,529 14 0	47,461 1 9

Calcutta:
The 8th July 1886.

Raipur District.	Sambalpur District.	Saugor Division.	Seoni Division.	Wardha Division.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs a. p.
.....	.....	.....	2 0 0	3 4 0	1,749 5 11
.....	.....	43 8 6	512 3 3	38 0 9	2,112 9 7
.....	.....	.....	.....	.....	312 1 9
44 3 4	..	1,700 0 4	272 1 0	733 2 8	11,824 11 5
.....	.....	.....	.....	...	61 2 6
.....	.....	20 4 0	...	.....	1,249 7 11
.....	36 0 0	.....	7 7 6		247 2 4
.....	.....	446 4 10	2,264 9 0	647 7 7	18,000 7 7
.....	.....	95 15 6	297 5 0	.....	2,759 15 6
85 0 0	.....	.....	4 0 0	.....	739 7 3
.....	.....	.....	0 13 9	.....	34 1 9
.....	.....	0 14 0	65 10 0	120 12 9	3,366 10 10
9,825 7 4	4,600 14 3	17,362 14 10	14,972 1 3	8,527 7 7	2,59,404 7 6
.....	.....	.....	.....	.....	15,456 2 11
4,500 0 0	.....	7,981 7 3	5,978 0 6	2,200 0 0	93,962 4 6
672 0 0	.....	1,776 0 0	5,813 3 1	1,689 8 9	37,351 0 6
98 0 0	.....	324 0 0	623 0 0	.....	11,020 13 9
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	1,369 6 0
452 0 0	.....	973 8 0	1,788 8 0	443 10 8	11,873 13 6
.....	.....	.....	233 0 8	40 12 0	686 10 8
2 4 0	.....	16 13 4	122 9 4	.....	852 11 4
.....	.....	.....	3 2 0	3 2 3	203 8 0
270 0 0	.....	502 14 0	508 10 10	122 12 9	5,377 1 4
.....	.....	.....	300 0 0	.....	1,861 0 0
.....	.....	.....	.....	.....	...
49 0 0	40 2 0	352 10 0	205 3 0	36 8 6	8,045 0 6
24 8 0	1 3 0	274 5 4	239 15 3	45 11 3	2,968 14 5
6,067 12 0	41 5 0	12,201 9 11	15,815 4 8	4,582 2 2	1,86,028 7 5
15,893 3 4	4,642 3 3	29,564 8 9	30,787 5 11	13,109 9 9	4,45,432 14 11

J. TAYLOR,
Asst. Comptroller General (Forests).

Annual Form No. 59.—(Prescribed).

FOREST DEPARTMENT, CENTRAL PROVINCES.

Account current for the year 1885-86.

Dr. **Cr.**

	Rs. a. p.	Rs. a. p.		Rs a. p	Rs. a. p.
To Cash Balance	...	2,198 15 9	By Expenditure as per Annual Summary (Form No. 58)		4,45,432 14 11
„ Revenue as per Annual Summary (Form No. 58)..		10,36,893 7 4	„ Deposits		7 14 0
„ Service Funds--			„ Forest Cash Remittances (Local)—		
Military Fund, Bengal	243 0 0		Remittances to State Treasuries ...	9,34,946 0 9	
Military Fund, Madras	1,231 4 8		Inter-Divisional Transfers ...	76,933 3 5	
Military Orphan Fund, Bengal ...	210 0 0				10,11,879 4 2
Uncovenanted Service Family Pension Fund, Bengal	3,128 15 9		„ Advances Recoverable		2,29,190 9 4
General Family Pension Fund ...	630 0 0		„ Suspense		66 4 6
Hindu Family Annuity Fund ...	142 14 0		„ Account Current (other Governments)—		
		5,586 2 5	Government of India	50 0 0	
„ Deposits		15 15 6	„ Bombay	4,050 0 0	
„ Forests Cash Remittances (Local)—					4,100 0 0
Remittances from State Treasuries ...	4,20,255 14 10		„ Inter-Departmental Transfers—		
Inter-Divisional Transfers ...	77,010 8 5		Public Works Department, State Railways		
		4,97,266 7 3	Wardha Coal State Railway ...	10,769 5 11	
„ Advances Recoverable		2,31,382 4 1	Nagpur and Chhattisgarh State Railway ..	69,393 0 0	
„ Suspense		66 4 7	Bilaspur-Etawah State Railway ...	0 13 0	
„ Account Current (other Governments)—			Other Branches	6,854 12 8	
Government of India	1,622 2 0		„ Military Department, Bengal	204 11 0	
. Bombay.. ...	1,461 4 7				
		3,083 6 7	Civil Departments—		
Inter-Departmental Transfers—			Jails ...	310 11 8	
Civil Department—			Police ...	624 3 6	
Jails	2,425 1 9			934 15 2	
Education ...	143 8 0				88,157 9 9
Mathematical Instrument Department ...	37 4 0		„ Closing Balance		264 4 7
		2,605 13 9			
Total ...		17,79,098 13 3	Total ..		17,79,098 13 3

CALCUTTA:
The 8th July 1886.

J. TAYLOR,
Asst Comptroller General (Forests)

Annual Form No. 60.—(Prescribed.)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Revenue received and Outstandings on account of Revenue during 1885-86.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction Division ..	Timber and other produce	.....	3,086 2 8	3,086 2 8	3,086 2 8	.....	
Balaghat District ...	Ditto ...	2,511 9 6	37,194 4 1	39,705 13 7	38,600 13 7	1,105 0 0	
Betul Division ...	Ditto ...	269 10 6	57,882 9 5	58,152 3 11	57,882 9 5	269 10 6	
Baandara district ...	Ditto ...	431 10 0	47,198 5 11	47,629 15 11	46,273 15 11	1,356 0 0	
Bilaspur District ...	Ditto ...	134 0 0	25,300 2 1	25,434 2 1	24,959 2 1	475 0 0	
Chanda Division ...	D tto ...	30,113 12 0	1,66,341 2 2	196,454 14 2	1,96,454 14 2	... ..	
Chhindwara District ...	Ditto ...	... ..	31,577 3 10	31,577 3 10	31,577 3 10	.....	
Damoh District ...	Ditto ...	... ..	61,547 9 1	61,547 9 1	61,547 9 1	. ...	
Hoshangabad Division.....	Ditto ...	.....	78,536 13 11	78,536 13 11	78,536 11 13	.....	
Jubbulpore District ...	Ditto ...	.....	17,827 0 11	17,827 0 11	17,827 0 11	.....	
Mandla Division ...	Ditto ...	40 0 0	27,054 6 4	27,094 6 4	26,594 0 11	500 5 5	
Mandla District ...	Ditto ...	.....	85 624 2 9	85,624 2 9	85,624 2 9	...	
Nagpur Division ...	Ditto ...	7 8 0	33,667 11 1	33,675 3 1	33,675 3 1	... ..	
Narsinghpur District ...	Ditto ...	... ..	12,841 12 3	12,841 12 3	12,841 12 3	... ...	
Nimar Division ...	Ditto ..	.. ...	64,869 9 8	64,869 9 8	64,869 9 8	.....	
Raipur District ...	Ditto ...	.....	67,320 2 8	67,320 2 8	67,320 2 8	. ..	
Sambalpur District . .	Ditto ..	.....	19,504 0 2	19,504 0 2	19,504 0 2	.. ...	
Saugor Division ...	Ditto ..	.....	71,640 8 0	71,640 8 0	70,787 15 1	852 8 11	A.—Amount realized as per from No. 58 Rs. 10,36,893-7-4. Written off by sanction of the Local Government 7-8-0 Vide letter No. 883/48 of 4th March 1886
Seoni Division ...	Ditto ...	.....	73,961 7 2	73,961 7 2	73 961 7 2	.....	
Wardha District ...	Ditto ...	.....	24,976 4 0	24,976 4 0	24,976 4 0	.....	
	Total ...	33,508 2 0	10,07,951 6 2	10,41,459 8 2	10,36,900 15 4	4,558 8 10	Total Rs. 10,36,900 15 4
	Deduct amount received in advance ...	*1,215 0 0					*Unadjusted balance of Revenue paid in advance at the close of 1884-85.
	Net balance due to the Department ...	32,293 2 0					
	Deduct amount received in advance ...	.....				*6875 0 0	*Unadjusted balance of Revenue paid in advance at the close of 1885-86
	Net balance due by the Department ...	.. ...				1,816 7 2	

Annual Form No. 61.—(Prescribed.)

FOREST DEPARTMENT, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for 1885-86.

Division.	Department Debtor			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year	To Department (outstandings.)	By Department (liabilities.)	
	Rs. a. p	Rs. a.. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p	Rs. a. p	
Direction ...	.....	6,218 14 9	6,218 14 9	560 14 9	5,700 12 0	6,261 10 9	42 12 0	.....	
Balaghat District ...	.....	98 13 6	98 13 6	21 2 3	82 0 0	103 2 3	4 4 9	.....	
Betul Division ...	.....	13,161 3 9	13,161 3 9	179 11 4	13,522 9 5	13,702 4 9	541 1 0	.....	
Bhandara District ...	.....	12,712 5 10	12,712 5 10	6 10 6	12,916 8 10	12,923 3 4	210 13 6	. . .	
Bilaspur Do. ...	.....	4 2 7	4 2 7	.....	364 2 7	364 2 7	360 0 0	.....	
Chanda Division ..	.....	47,405 5 3	47,405 5 3	4,337 8 0	47,368 3 3	51,705 11 3	4,300 6 0	.....	
Chhindwara District ..	.....	10,895 9 2	10,895 9 2	23 4 0	10,872 5 2	10,895 9 2	... ..	.....	
Damoh Do. ..	.....	.....	.....	50 0 0	.. ...	50 0 0	50 0 0	.....	
Hoshangabad Division	.....	22,744 12 7	22,744 12 7	504 12 7	22,718 1 7	23,222 14 2	478 1 7	.....	
Jubbulpore District ...	.....	4,137 7 3	4,137 7 3	12 12 7	4,127 7 3	4,140 3 10	2 12 7	.....	
Mandla Division ...	.....	28,765 13 0	28,765 13 0	461 1 1	28,825 5 1	29,286 6 2	520 9 2	.....	
Mandla District ...	.....	1,740 8 0	1,740 8 0	1,176 0 0	1,827 11 0	3,003 11 0	1,263 3 0	.....	
Nagpur Division ...	.....	7,969 1 5	7,969 1 5	192 2 3	7,953 12 0	8,145 14 3	176 12 10	.....	
Nimar Do. ...	.....	35,572 3 11	35,572 3 11	4,766 15 3	31,817 12 2	36,584 11 5	1,012 7 6	.....	
Raipur District ...	.. ...	200 0 0	200 0 0	.....	250 1 5	250 1 5	50 1 5	.....	
Saugor Division ...	.....	17,532 3 6	17,532 3 6	306 6 0	17,693 1 4	17,999 7 4	467 3 10	.....	
Seoni Do. ...	.....	20,358 8 6	20,358 8 6	567 13 9	20,500 10 3	21,068 8 0	709 15 6	.....	
Wardha District ...	.....	1,865 3 1	1,865 3 1	274 3 8	2,650 2 0	2,924 5 8	1,059 2 7	.....	
Total ...	.....	2,31,382 4 1	2,31,382 4 1	13,441 6 0	2,29,190 9 4	2,42,631 15 4	11,249 11 3	.....	

CALCUTTA,
The 8th July 1886.

J. TAYLOR,
Asst. Comptroller General (Forests.)

Form No 62.

FOREST DEPARTMENT, CENTRAL PROVINCES.

Financial Results of the year 1885-86.

Division.	Timber and other produce removed from Forest by Government Agency.		Other Revenue.		Formation, improvement and protection of forests	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	
Direction Division ...	5	11	3,081	2,317	973	3,086	3,301	
Mandla do. ...	24,122	17,197	2,472	1,441	25,754	26 594	44,392	
Betul do. ...	.....	.....	13,230	5,254	6,897	13,230	12,151	
Hoshangabad do. ...	2,544	581	20,156	8,334	10,189	22,700	19,104	
Nimar do. ..	722	138	37,572	22,283	12,102	38,294	34,523	
Chanda do. ...	83,314	16,688	19,821	9,311	11,663	1,03,165	37,662	
Seoni do. ...	898	517	21,088	7,786	8,450	21,986	16,753	
Saugor do. ...	.....	.....	8,712	3,396	4,109	8,712	7,505	
Wardha do. ...	1,964	1,298	3,634	2,413	3,295	5,598	7.006	
Total ...	1,13,599	36,430	1,29,766	62,535	83,432	2,43,365	1,82,397	
Nagpur District ..	.....	.....	33,668	11,242	3,949	33.668	15,191	
Bhandara do. ...	1,348	.....	44,926	12,966	5,034	46,274	18,000	
Chanda do. ...	10,500	398	82,790	18,427	6,069	93,290	24,894	
Wardha do. ..	2,453	114	16,925	5,510	2,080	19,378	7,704	
Balaghat do. ..	526	102	38,075	10,738	2,781	38,601	13,621	
Jubbulpore do. ..	.....	... ..	17,827	4 791	2,037	17,827	6,828	
Saugor do. ...	.....	.....	62,076	18,357	6,203	62,076	24,560	
Damoh do. ...	.....	.....	61,548	13,029	1,405	61.548	14,434	
Seoni do. ..	... ..	.. ...	51,975	12,784	4,250	51,975	17,034	
Mandla do. ...	6,945	1,001	78,679	13,782	2,133	85,624	16,916	
Betul do. ...	.. ...	.....	44,652	11,908	3,976	44,652	15,884	
Chhindwara do. ...	.....	.....	31,577	10,477	3,194	31 577	13,671	
Hoshangabad do ...	.....	.....	55,837	17,575	7,201	55,837	24,776	
Narsinghpur do. ...	.....	.....	12,842	3,836	694	12,842	4,530	
Nimar do. ...	.....	. ....	26,576	11,754	5,184	26,576	16,938	
Raipur do. ...	... ..	.....	67,320	12,193	4,700	67,320	16,893	
Sambalpur do. ..	... ..	.....	19,504	4,965	677	19,504	5,642	
Bilaspur do. ...	.....	.....	24,959	4,880	640	24,959	5,520	
Total ...	21,772	1,615	7,71,756	1,99,214	62,207	7,93,528	2,63,036	
Grand Total ...	1,35,371	38,045	9,01,522	2,61,749	1,45,639	1,036,893	4,45,433	